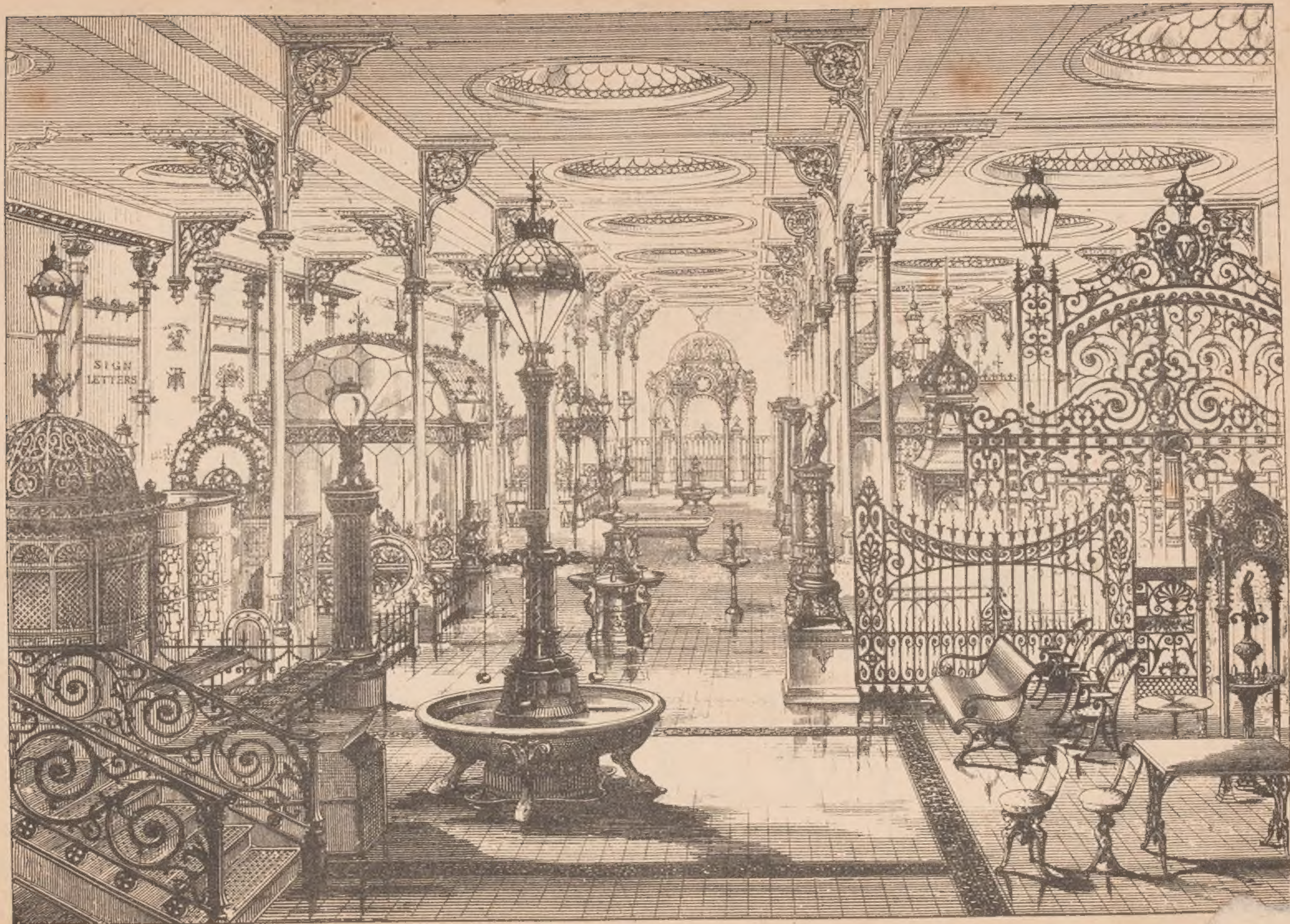


MACFARLANE'S
CASTINGS.
VOL. I



MAP OF GLASGOW,
AND ROUTES LEADING TO THE WORKS OF
WALTER MACFARLANE & CO.,
SARACEN FOUNDRY, POSSILPARK.



SHOW ROOM

ILLUSTRATED CATALOGUE OF
MACFARLANE'S
CASTINGS.

SIXTH EDITION.

VOLUME I.



Contractors by Special Appointment to her Majesty's War Department.

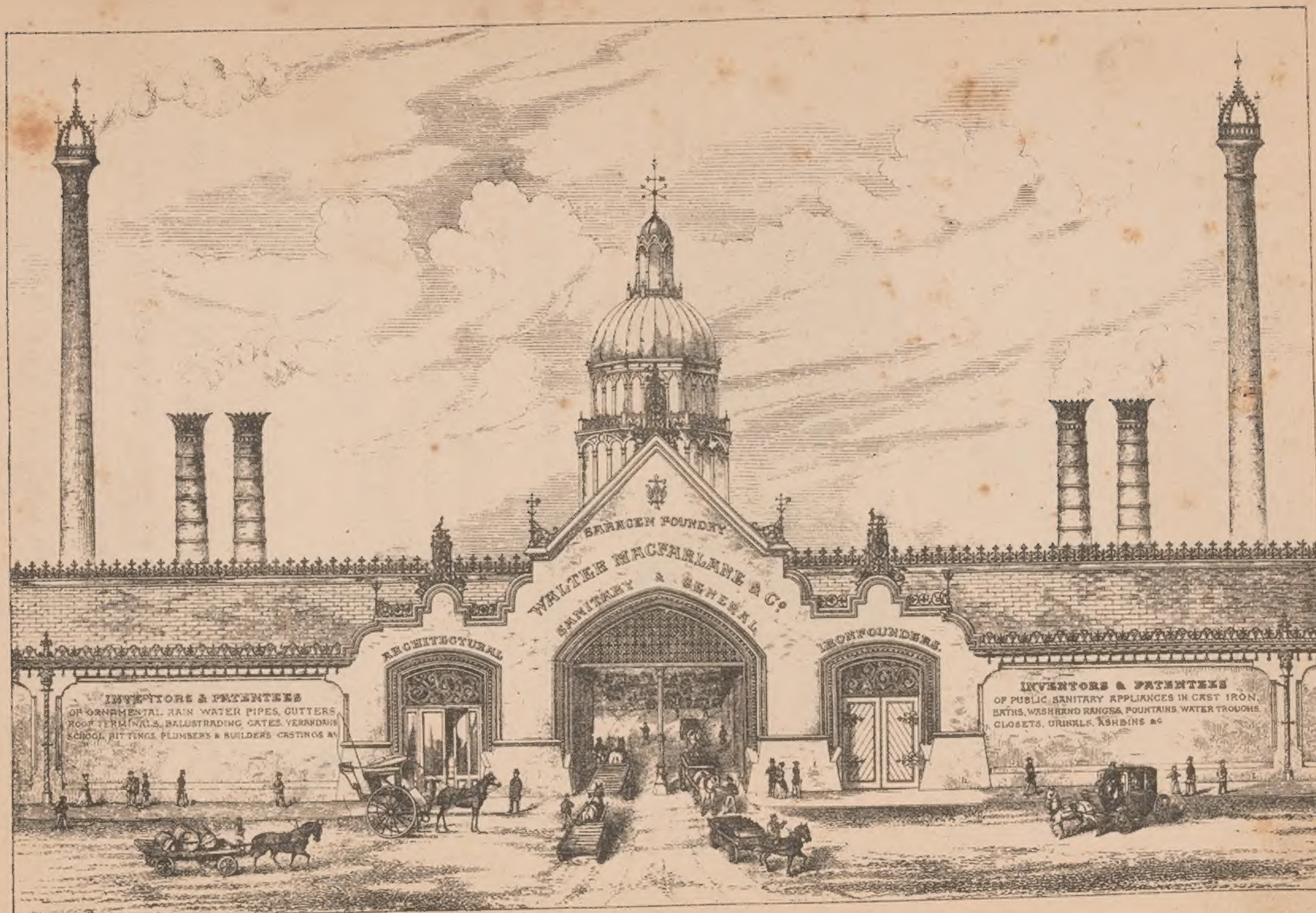
TRADE



MARK.

Mr. Jonathan Chambers Lincoln.

WALTER MACFARLANE & CO.,
ARCHITECTURAL, SANITARY, AND GENERAL IRONFOUNDERS,
SARACEN FOUNDRY,
POSSILPARK, GLASGOW.



WORKS, FOSSILPARK.



PREFACE TO THE SIXTH EDITION.

WE have much pleasure in placing before you this new edition of our Illustrated Catalogue, which we trust will be the means of extending your knowledge of our manufactures.

The legitimate development and application of Metal Work have been carefully studied and followed as a profession by Mr. Macfarlane for the last fifty years, the first six being devoted to Gold and Silver Work, the next fourteen to Hammered Iron, and the last thirty to Cast Iron in its various branches, including the decorative treatment of its surface, by colour, gilding, &c. Metals, like men, develop their power only through successive stages, and we must not lose sight of the fact that Cast Iron as applied to the decorative arts is still in its infancy, dating back only a very limited period, but, that it has a great future before it, we think the following pages amply testify. There is perhaps no other branch of the industrial arts in this country that has made such progress within the last thirty years, and as its pioneers we feel a natural pride in the success of our efforts, our Architectural, Sanitary, and General Castings having become prominent objects, not only in this country, but over the world, notable for their fresh ironlike features, sharp, clean, and full of character, neither care nor expense having been spared in the perfecting of our Designs and Patterns, our ambition being to produce the best quality of work at a moderate price.

In an age like the present, when so great progress is being made in the Arts, Sciences, and Commerce of the world, and also in the social improvement and material wealth of the nation, a corresponding intelligence and culture should be evinced in our Dwellings, Business Premises, Public Structures, Railways, Parks, &c., and some idea of the endlessly varied application of our Castings to such purposes may be gathered from the numerous pages of "Examples," while the details, proportions, and sizes of our patterns are so accurately delineated in the illustrations as to facilitate their selection and combination by our customers themselves, to suit almost every requirement. The vast variety of patterns and sizes, and the large stock of goods kept on hand enable us to give quick despatch. With the view of simplifying the ordering of our goods, we refer you to the "Directions for Ordering" on first page of each section. We find it necessary to state that every Casting has our Trade Mark legibly impressed upon it.

The appreciation shown by our Customers in the past has led, not only to a large extension of our works, which now cover ten acres, with railway connections through warehouse and foundry, but also to the formation around them of a new and populous suburb to the city of Glasgow, viz:—Possilpark. We cordially invite our friends to visit our establishment, where an extensive show-room exhibits our varied manufactures.

We make our grateful acknowledgments to the many kind professional friends, who have so warmly encouraged and assisted us, and to our Customers and the Public generally for their liberal support.

WALTER MACFARLANE & CO.

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SECTION I.—PIPES.

FOR RAIN-WATER, SOIL, SMOKE, VENTILATION, &c.

This section of our Castings has attained a wide celebrity for variety of design and artistic merit, as well as excellence in quality, being sharp, clean, and full of character. Prior to our introduction of a better, and more artistic class of ironwork, pipes were put in out of the way places, or hidden in the interior of the building, as if they were necessarily unseemly, but now the high character of our manufactures is acknowledged to enhance, rather than detract from the appearance of a building, and their great variety enables the architect to make selections in harmony with his designs. Every building requires to drain off its rain, and waste from sinks, baths, lavatories, closets, and vents, and for all such requirements our varied patterns will be found suitable.

Please insert in Specification "To be Macfarlane's Castings, from Saracen Foundry, Glasgow," to prevent an inferior article being supplied.

Round, Square, and Semicircular Pipes,
Ornamental Pipes,
Ears and Spikes,

.. pages 7—8 | Heads and Ornamental Connections,
" 9—10 | Example No. 1, ..
" 11 | Also other examples at end of Catalogue.

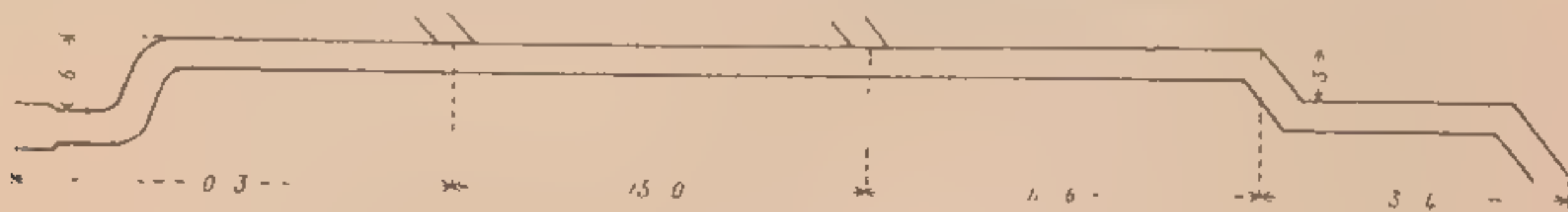
pages 12—15
" 16

The Illustrations are arranged in the order of their Nos.

DIRECTIONS FOR ORDERING.

State the Nos. and sizes, and either order so many lengths, along with the necessary Ears, Spikes, Heads, Shoes, Offsets, Pedestals, &c., or by giving us a rough sketch, showing the exact positions of the various connections in each stalk, we will furnish them, all properly marked and ready for fitting up. The following examples show the simplest method of ordering, and giving measurements when wanted cut ready for fitting up.

1 Stalk No. 1 Pipes 4", with No. 2 Ears, No. 1 Spikes, Offsets, Branch Pipes, and Shoe as sketch.



1 Stalk No. 4 Pipes 5" x 3 1/2", with No. 20 Ears, No. 2 Spikes, No. 20 Head, No. 4 Offset, and No. 4 Pedestal as sketch



MACFARLANE'S NO. 1 ROUND PIPES

NO. 1 HEAD FLAT & CORNER

ELBOW

ELBOW WITH DOOR

OBTUSE ELBOW

OBTUSE ELBOW WITH DOOR

OFFSET

BRANCH PIPE

DOUBLE BRANCH PIPE

SYPHON TRAP

SYPHON TRAP WITH DOOR

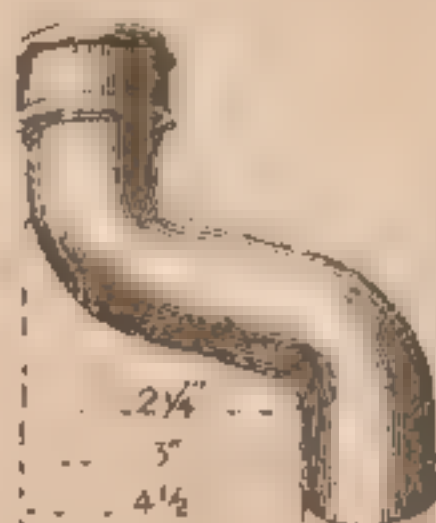
SHOE

UNION SOCKET

2" PROJECTING EAR

HOLDFAST

SPIKE FOR EAR

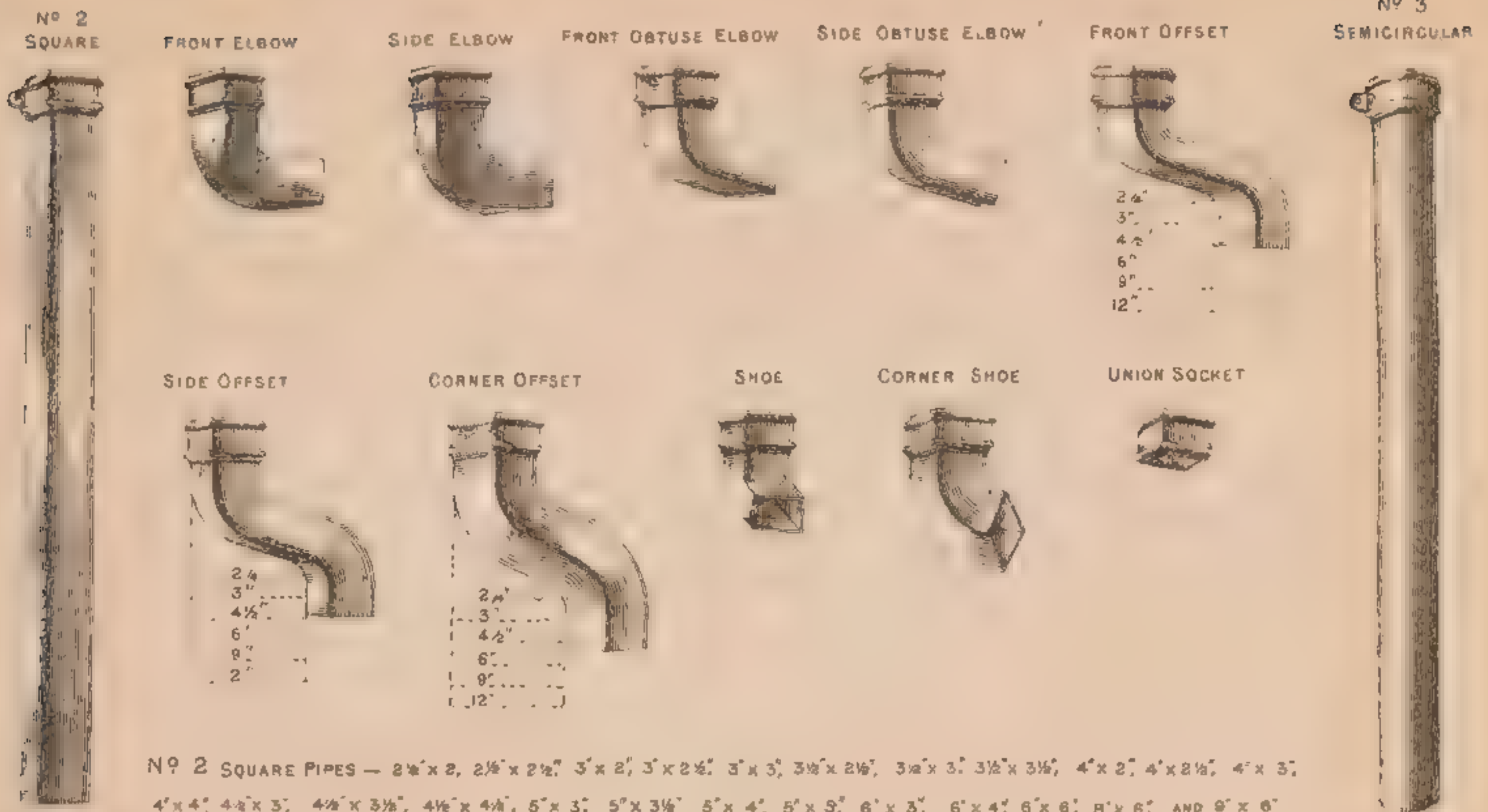


2 1/4"
3"
4 1/2"
6"
9"
12"
15"
18"
24"



2, 2 1/4, 3, 3 1/2, 4, 4 1/2, 5, 6, 7 and 8" DIAMETER.—EXTRA HEAVY SIZES 3 1/2, 4 and 4 1/2" DIAMETER.

Besides the Elbows and Offsets shown here, we can make them of any angle or length, and the Offsets to suit any projection of cornice or plinth to order. See Ornamental Ears and Spikes for fastening, page 11



No. 2 SQUARE PIPES — 2 1/2" x 2, 2 1/2" x 2 1/2", 3" x 2, 3" x 2 1/2, 3" x 3, 3 1/2" x 2 1/2, 3 1/2" x 3, 3 1/2" x 3 1/2, 4" x 2, 4" x 2 1/2, 4" x 3, 4" x 4, 4 1/2" x 3, 4 1/2" x 3 1/2, 4 1/2" x 4 1/2, 5" x 3, 5" x 3 1/2, 5" x 4, 5" x 5, 6" x 3, 6" x 4, 6" x 6, 8" x 6, AND 9" x 6

No. 2 EXTRA HEAVY SIZES — 4" x 3, 4 1/2" x 3 1/2, 5" x 4, AND 8" x 4

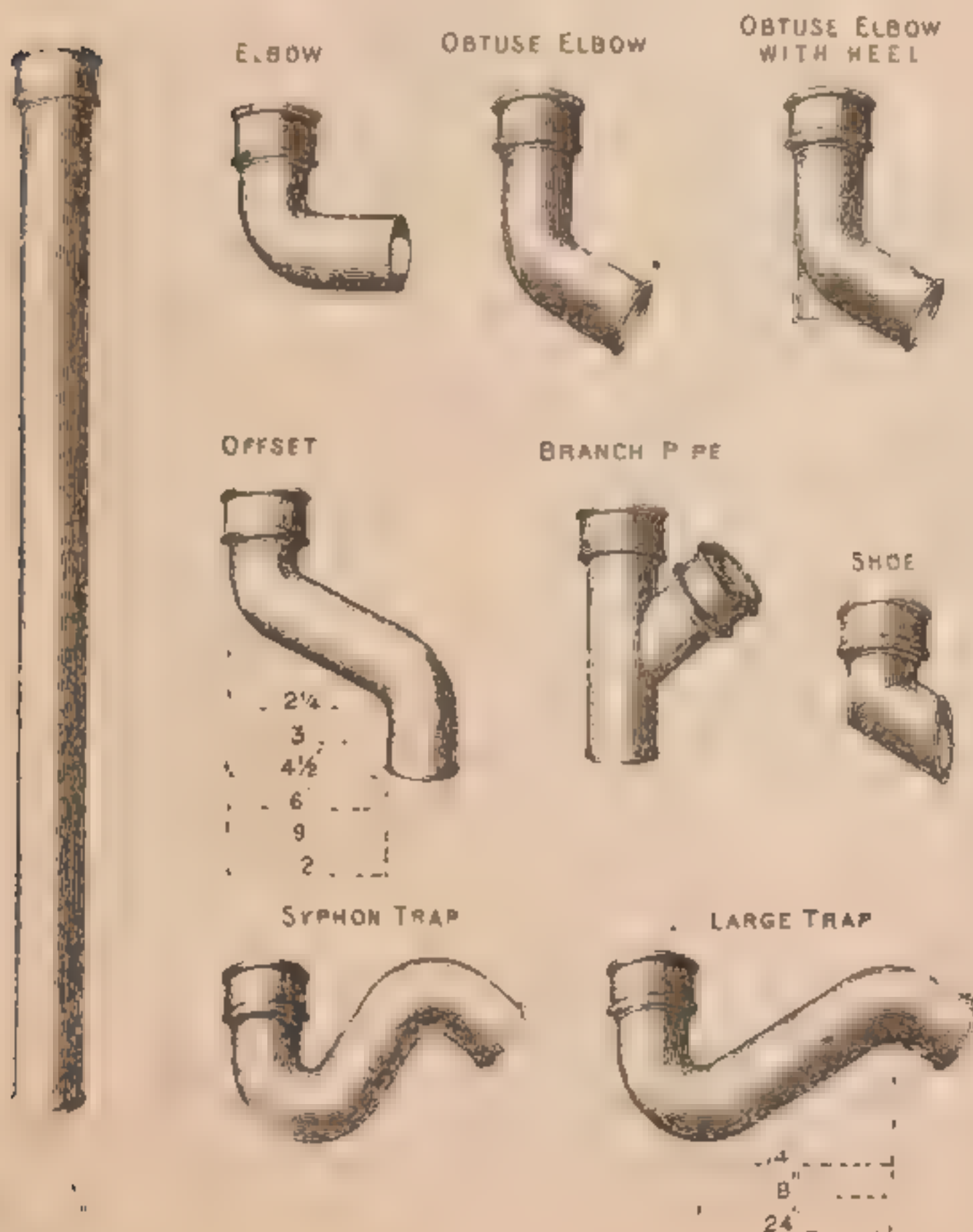
No. 3 SEMICIRCULAR PIPES — 3" x 2 1/2, 4" x 3, 5" x 3 1/2, AND 6" x 4 — CONNECTIONS SAME AS FOR No. 2

No. 2 Square Pipes, when for Corners, must be equal sided, and No. 2 Corner Offsets and Shoes are only made for equal-sided Pipes, viz.:—2 1/2" x 2 1/2, 3" x 3, 3 1/2" x 3 1/2, 4" x 4, 4 1/2" x 4 1/2, 5" x 5, and 6" x 6.

Besides the Elbows and Offsets shown, we can make them of any angle or length, and the Offsets to suit any projection of cornice or plinth to order. See Ornamental Ears and Spikes for fastening, page 11.

No. 9 EXTRA HEAVY

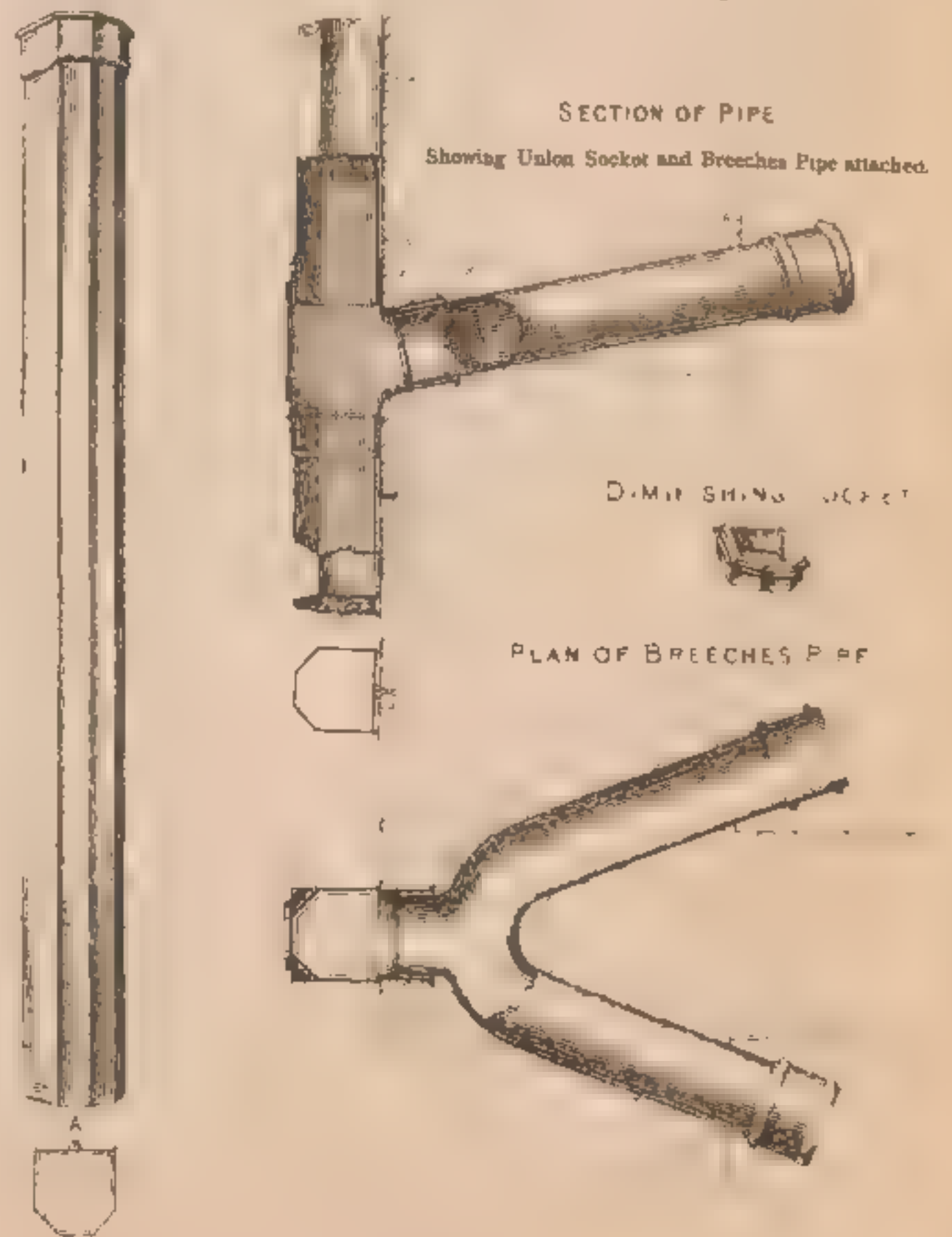
For Rainwater and Soil. The Faucet admits of packing joints to prevent escape of gases, &c.



• 3" 3 1/2" 4" 4 1/2" AND 5" INSIDE DIAMETER

No. 18 HEXAGON

For Prisons, Asylums, &c. The large size is placed from ground to top flat, the small size joined by diminishing Socket continues to Eaves Gutter. They are fixed by eyelet A to wrought-iron hooks in wall. They are unclimbable, and have no fittings that might be tampered with.

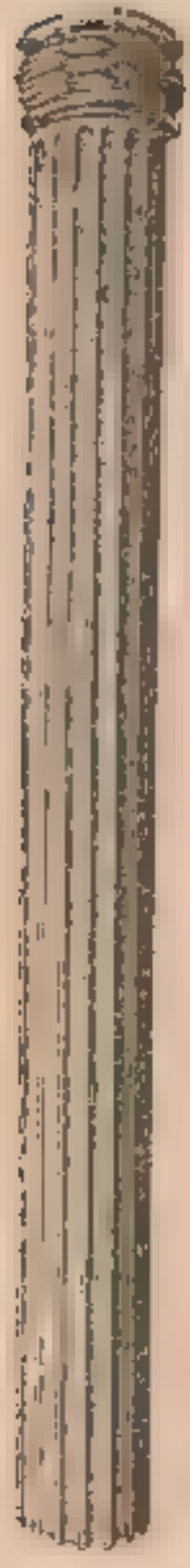


3 1/2" x 4" x 6' 0" AND 5 1/2" x 6" x 10' 8"

MACFARLANE'S CASTINGS — ORNAMENTAL PIPES

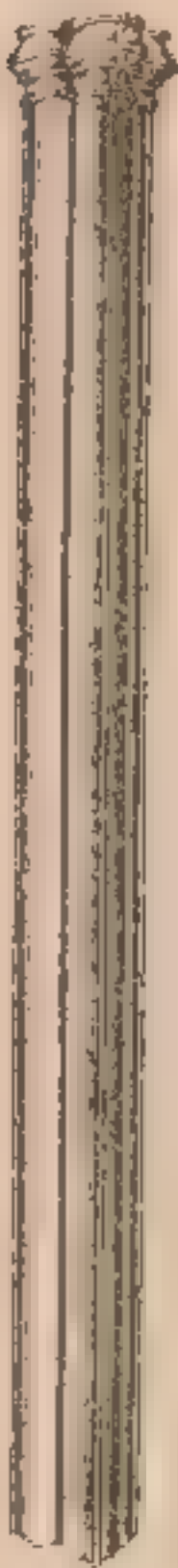
See Ornamental Ears and Spikes for fastening, page 11. Nos. 4, 5, 6, 7, 10, 11, and 30 Pipes are fixed by Earwings, dovetailed into Pipe-Faucet

No 4



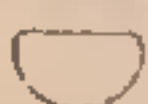
4" x 3", 5" x 3" AND
6" x 4"

No 5



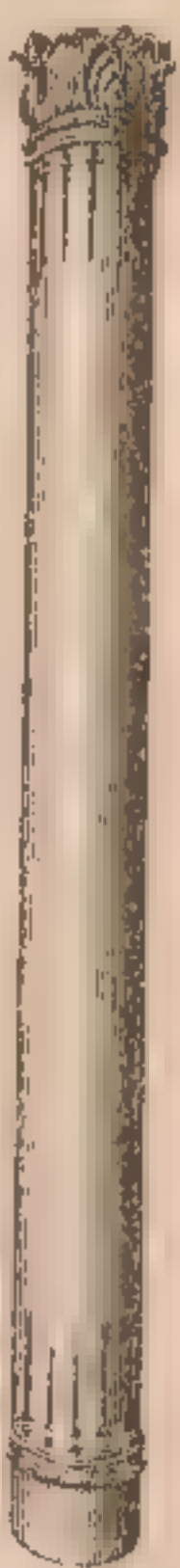
4" x 3", 5" x 3" AND
6" x 4"

No 6



4" x 3", 5" x 3" AND
6" x 4"

No 7



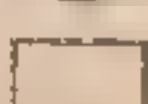
4" x 3", 5" x 3" AND
6" x 4"

No 8



5" x 4"

No 10



3" x 3", 4" x 3", AND
4" x 4"

No 11



3" 4" AND 5"

No 2



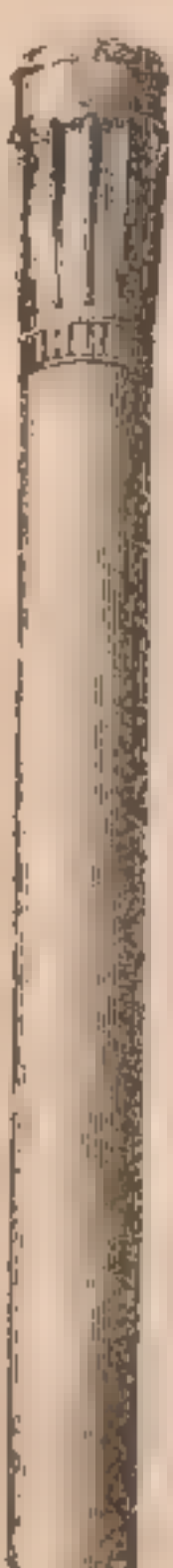
3", 4", 5" AND 6"

No 3



3", 4", 5" AND 6"

No 14



3", 4", 5" AND 6"

No 5



3", 4", 5" AND 6"

No 16



3" x 2 1/2", 3" x 3", 3 1/2" x 3 1/2", 4" x 3"
4" x 4", 5" x 3 1/2" AND 6" x 4"

No 17



3" x 2 1/2", 4" x 3" AND
5" x 3 1/2"

No 18



3" x 2 1/2", 4" x 3", 5" x 3 1/2"
AND 6" x 4"

MACFARLANE'S CASTINGS — ORNAMENTAL PIPES

N° 20



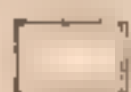
3x2 1/2, 4x3, 5x3 1/2
AND 6x4

N° 21



3, 4 AND 5

N° 22



4x3

N° 23



3 1/4 AND 5

N° 24



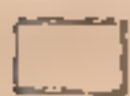
3x2 1/2, 3, 4, 5, 3 1/2 x 3 1/2, 4x3,
4 1/2 x 4 1/2, 5 1/2 x 3 1/2 AND 6x4

N° 25



4x3, AND 5x3 1/2

N° 26



4x3

N° 27



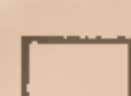
5 1/2 x 4

N° 28



3 1/2 x 2 1/2, 4x3, 5x3 1/2
AND 6x4

N° 29



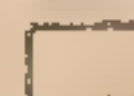
3 1/2 x 2 1/2, 4x3, 5x3 1/2
AND 6x4

N° 30



4 1/2

N° 31



3 1/2 x 2 1/2, 4x3, 5x3 1/2
AND 6x4

MACFARLANE'S CASTINGS — ORNAMENTAL EARS

The Fastenings for Rainwater Pipes were of the most primitive kind prior to our introduction of these important fixings, the judicious application of which gives so much character to the building. It is sometimes desirable to put the date of the building on the Ear nearest the top, as on No. 9. They are made to fit every pattern and size of pipe in our Catalogue either for flat walls or corners. When for Nos. 4, 5, 6, 7, 10, 11, and 30 Pipes, the belt is dispensed with, the Earwings only being required.



MACFARLANE'S ORNAMENTAL SPIKES FOR EARS



SPIKES EIGHTH FULL SIZE

MACFARLANE'S CASTINGS — ORNAMENTAL HEADS

The important position which these occupy, and the enhanced character and style they impart to a building, give considerable scope for variety of design, as illustrated by the following patterns which can be supplied for any pattern of Pipe. Crests, Monograms, Dates &c., can be cast on to order.

No 3



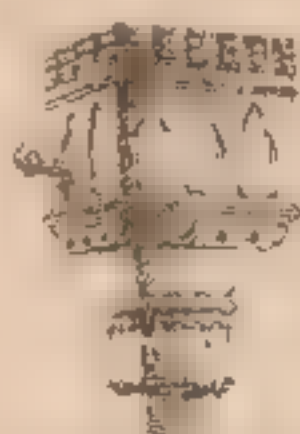
2 1/2" 3" 4" 4 1/2" 5" AND 6"

No 4



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 5



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 6



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 7



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 8



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 9



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 10



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 11



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 12



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 13



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 14



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 15



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 16



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 17



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 18



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 19



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 20



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 21



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 22



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 23



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 24



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 25



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 26



3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 27



3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 28



4 1/2" 5" AND 6"

No 29



3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 30



3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 31



2 1/2" 3" 3 1/2" 4" 4 1/2" 5" AND 6"

No 32



4 1/2" 5" AND 6"

Nº 33



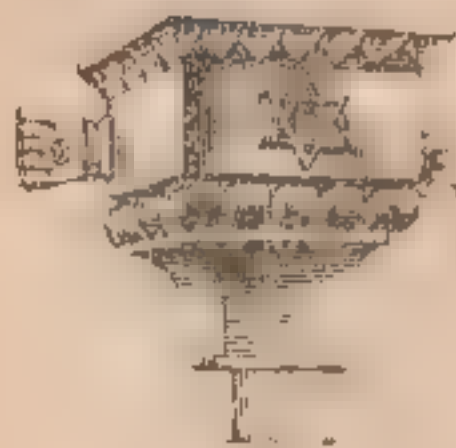
3, 4, 4 1/2 AND 6

Nº 34



3 1/2, 4, 4 1/2, 5 AND 6

Nº 35



3 1/2, 4, 4 1/2, 5 AND 6

Nº 36



3 3/4 AND 4

Nº 37



3 3/4 AND 4

Nº 38



3 1/2, 4, 4 1/2, 5 AND 6

Nº 39



3 1/2, 4, 4 1/2, 5 AND 6

Nº 40



Nº 41



2 1/2, 3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 42



2 1/2, 3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 43



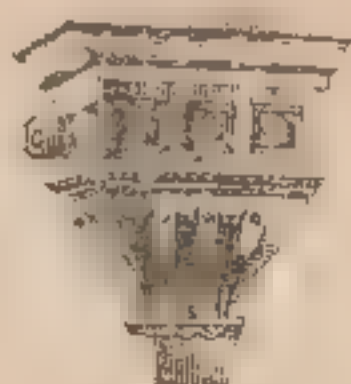
2 1/2, 3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 44



2 1/2, 3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 45



2 1/2, 3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 46



3 1/2, 4, 4 1/2, 5 AND 6

Nº 47



4, 4 1/2, 5 AND 6

Nº 48



2 3/4, 3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 49



3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 50



3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 51



3 1/2, 4, 4 1/2, 5 AND 6

Nº 52



3 3/4, 4, 4 1/2, 5 AND 6

Nº 53



3 1/2, 4, 4 1/2, 5 AND 6

Nº 54



3 1/2, 4, 4 1/2, 5 AND 6

Nº 55



3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 56



3 1/2, 4, 4 1/2, 5 AND 6

Nº 57



3 3/4, 4, 4 1/2, 5 AND 6

Nº 58



3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 59



3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 60



3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 61



3, 3 1/2, 4, 4 1/2, 5 AND 6

Nº 62



4, 4 1/2, 5 AND 6

N^o 63

4 1/2, 5 AND 6"

N^o 64

3 1/2, 4, 4 1/2, 5 AND 5 1/2"

N^o 65

3, 3 1/2, 4, 4 1/2, 5 AND 6"

N^o 66.

3, 3 1/2, 4, 4 1/2, 5 AND 6"

N^o 67

3, 3 1/2, AND 4"

N^o 68

3 1/2, 4, 4 1/2, 5 AND 6"

N^o 69

3, 3 1/2, AND 4"

N^o 70

4 1/2, 5 AND 6"

N^o 71

4, 4 1/2, 5 AND 6"

N^o 72

3 1/2 AND 4"

N^o 73

3, 3 1/2 AND 4"

N^o 74

3 1/2, 4, 4 1/2, 5 AND 6"

N^o 75

4 1/2, 5 AND 6"

N^o 76

3 1/2 AND 4"

N^o 77

3 3/4, AND 4"

N^o 78

2 1/2, 3, 3 1/2 AND 4"

N^o 79

3, 3 1/2, 4, 4 1/2, 5 AND 6"

N^o 80

4, 4 1/2, 5 AND 6"

N^o 81

3, 3 1/2, AND 4"

N^o 82

3, 3 1/2, AND 4"

N^o 83

2 1/2, 3, 3 1/2, 4, 4 1/2, 5 AND 6"

N^o 84

2 1/2, 3, 3 1/2, AND 4"

N^o 85

3 1/2, AND 4"

N^o 86

3 1/2, 4, 4 1/2, 5 AND 6"

N^o 87

4 1/2, 5 AND 6"

N^o 88

3 1/2, AND 4"

N^o 89

3 1/2, AND 4"

N^o 90

3 1/2, 4, 4 1/2, 5 AND 6"

N^o 9

2 1/2, 3, 3 1/2, 4, 4 1/2, 5 AND 6"

N^o 92

2 1/2, 3, 3 1/2, 4, 4 1/2, 5 AND 6"

MACFARLANE'S CASTINGS — ORNAMENTAL HEADS



MACFARLANE'S ORNAMENTAL PIPE CONNECTIONS



These Connections are made to suit every pattern and size of pipe in our Catalogue, and the Offsets for any projection of Plinth.

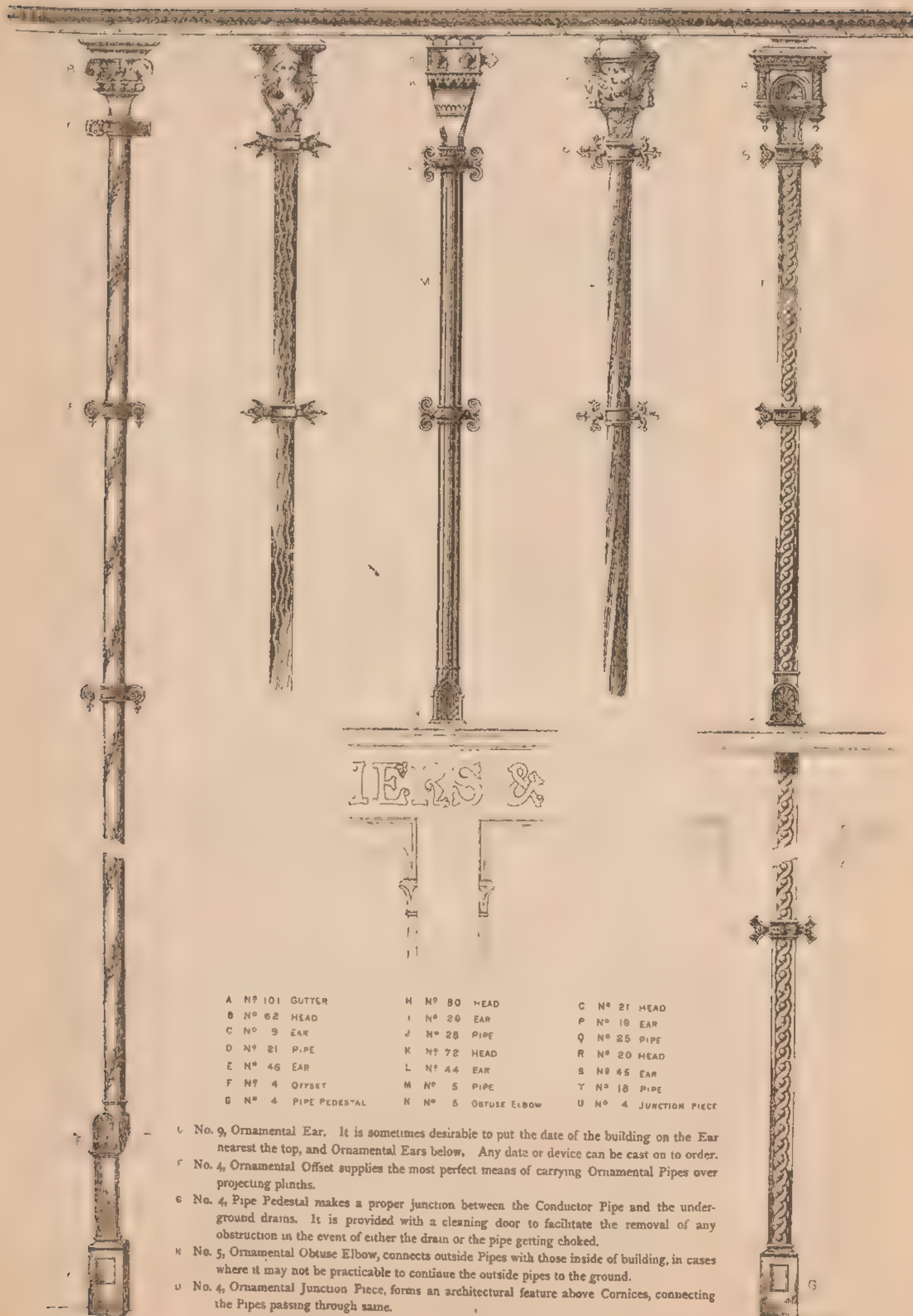
The Ornamental Obtuse Elbow connects outside pipes with those inside of building, when it is not practicable to continue outside pipes to ground.

See example, No. 1. page 16.

The Ornamental Junction Piece forms an Architectural feature above Cornices, connecting the pipes passing through same See example, No. 1. page 16

No. 4 Pedestal we have introduced for the purpose of making a proper junction between the Conductor Pipe and the Underground Drain. It is fitted with a cleaning door to facilitate the removal of any obstruction in the pipe or drain.

Nº 1



A Nº 101 GUTTER	H Nº 80 HEAD	C Nº 21 HEAD
B Nº 62 HEAD	I Nº 20 EAR	P Nº 18 EAR
C Nº 9 EAR	J Nº 28 PIPE	Q Nº 25 PIPE
D Nº 21 PIPE	K Nº 72 HEAD	R Nº 20 HEAD
E Nº 46 EAR	L Nº 44 EAR	S Nº 45 EAR
F Nº 4 OFFSET	M Nº 5 PIPE	T Nº 18 PIPE
G Nº 4 PIPE PEDESTAL	N Nº 5 OBTUSE ELBOW	U Nº 4 JUNCTION PIECE

- U No. 9, Ornamental Ear. It is sometimes desirable to put the date of the building on the Ear nearest the top, and Ornamental Ears below. Any date or device can be cast on to order.
- F No. 4, Ornamental Offset supplies the most perfect means of carrying Ornamental Pipes over projecting plinths.
- G No. 4, Pipe Pedestal makes a proper junction between the Conductor Pipe and the underground drains. It is provided with a cleaning door to facilitate the removal of any obstruction in the event of either the drain or the pipe getting choked.
- N No. 5, Ornamental Obtuse Elbow, connects outside Pipes with those inside of building, in cases where it may not be practicable to continue the outside pipes to the ground.
- U No. 4, Ornamental Junction Piece, forms an architectural feature above Cornices, connecting the Pipes passing through same.

SECTION II.—GUTTERS.

STRAIGHT AND CIRCULAR, FOR CORNICES, BOUNDARY WALLS, VALLEY ROOFS, &c.

The growing importance of this section has induced us to adopt more perfect methods of production, in order to insure a uniform thickness and consequent greater strength, with the regularity of line, essential to a wall cornice. The variety of Gutters, and the numerous sizes we make of each, provide for almost every style of building and form of roof. Their adoption greatly lowers the cost of building, and imparts to the architectural features a pleasing individuality.

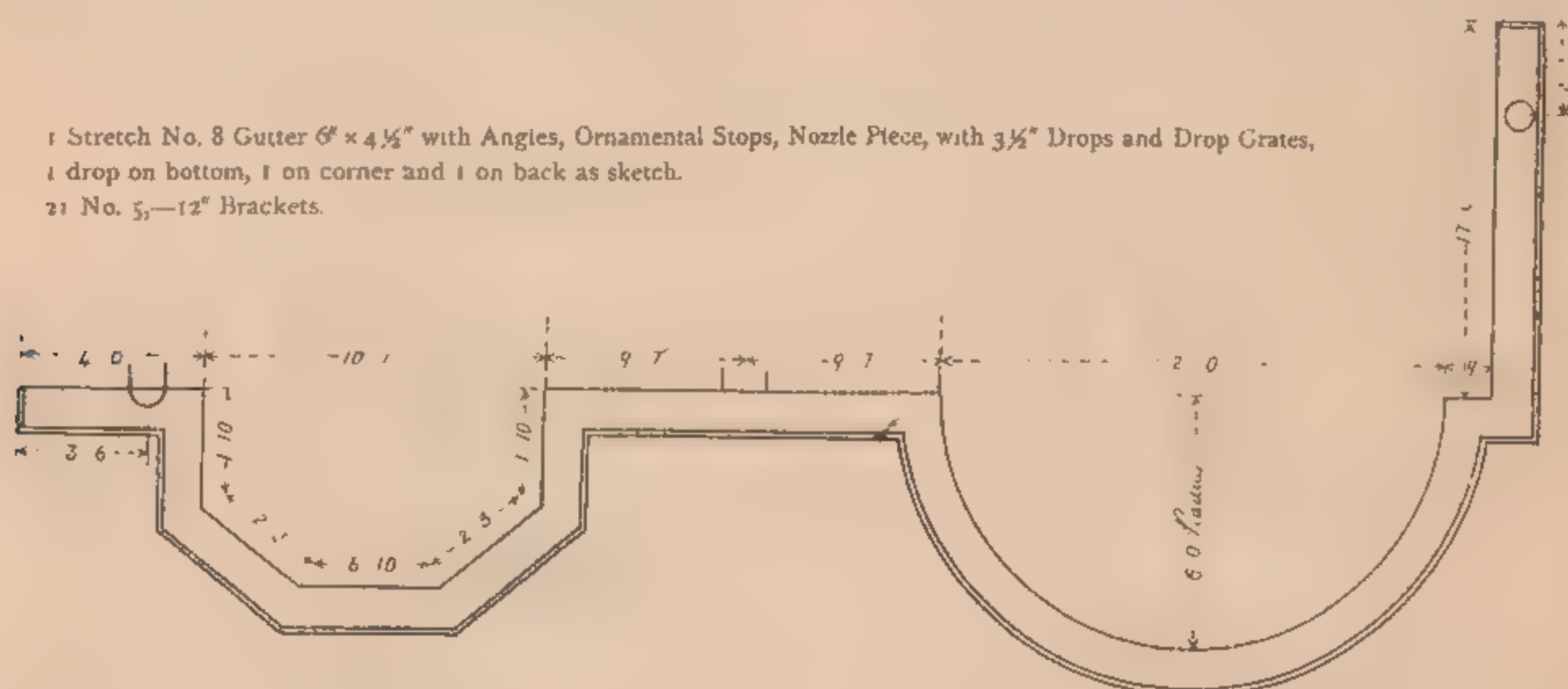
Please insert in Specification "To be Macfarlane's Castings, from Saracen Foundry, Glasgow," to prevent an inferior article being supplied.

Nos. 1, 2, and 3 Half Round Gutters,	pages 17—18	Valley Gutters,	pages 66—73
Nos. 5 and 6, O. G. Gutters,	page 18	Connections, Ornaments, Brackets, &c.,	" 74—76
Ornamental Gutters,	pages 19—58	Drop and Snow Grates,	page 76
Circular Gutters,	" 59—60	Examples Nos. II. and III.,	" 77
Boundary Wall Gutters,	" 61—65	Also other examples at end of Catalogue.	

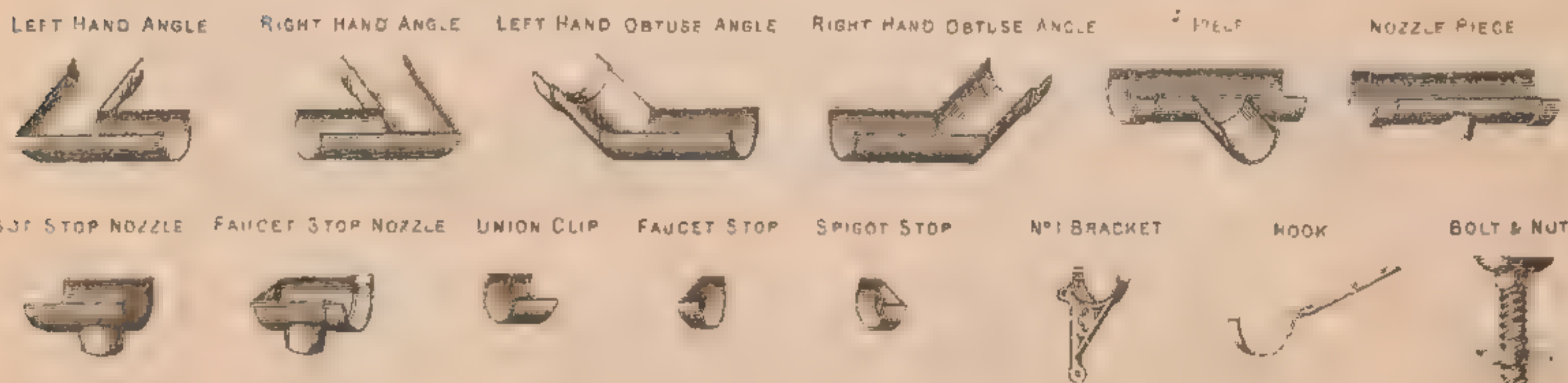
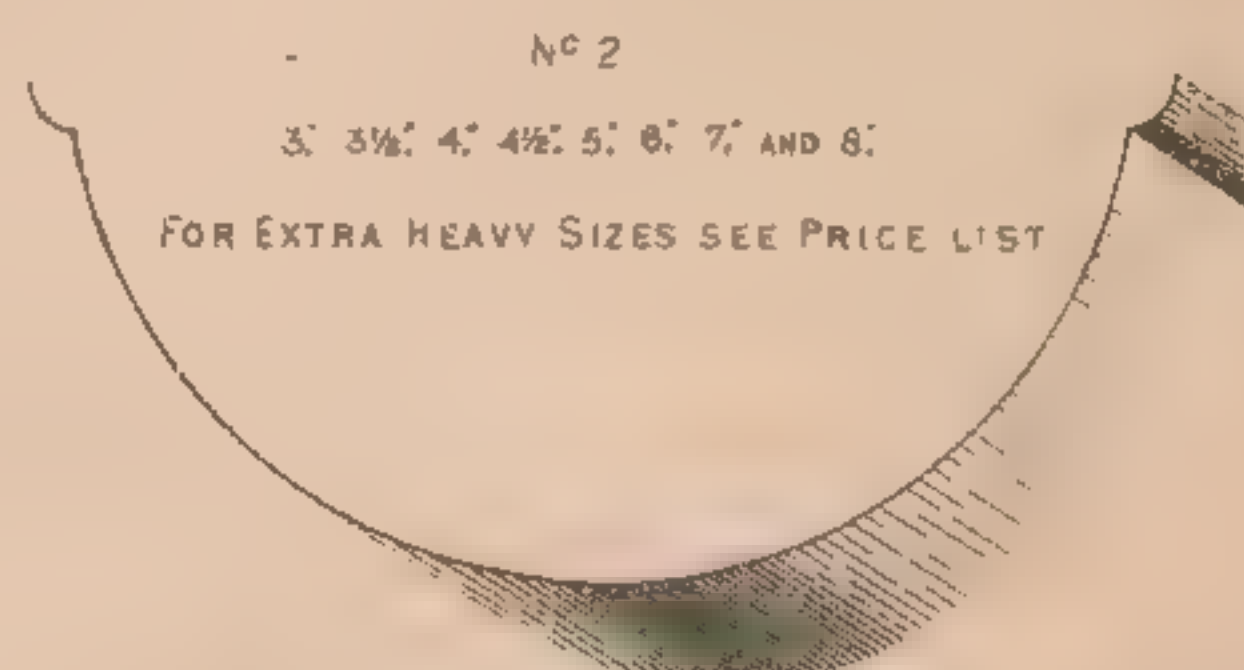
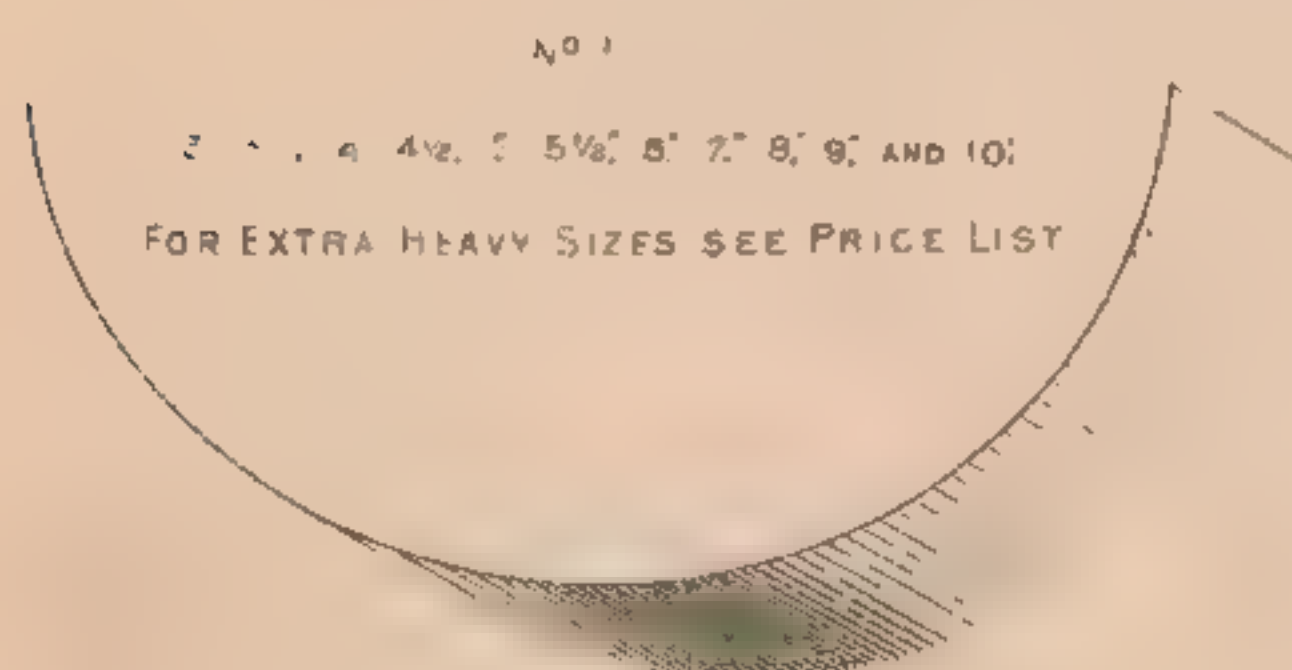
The Illustrations are arranged in the order of their widths.

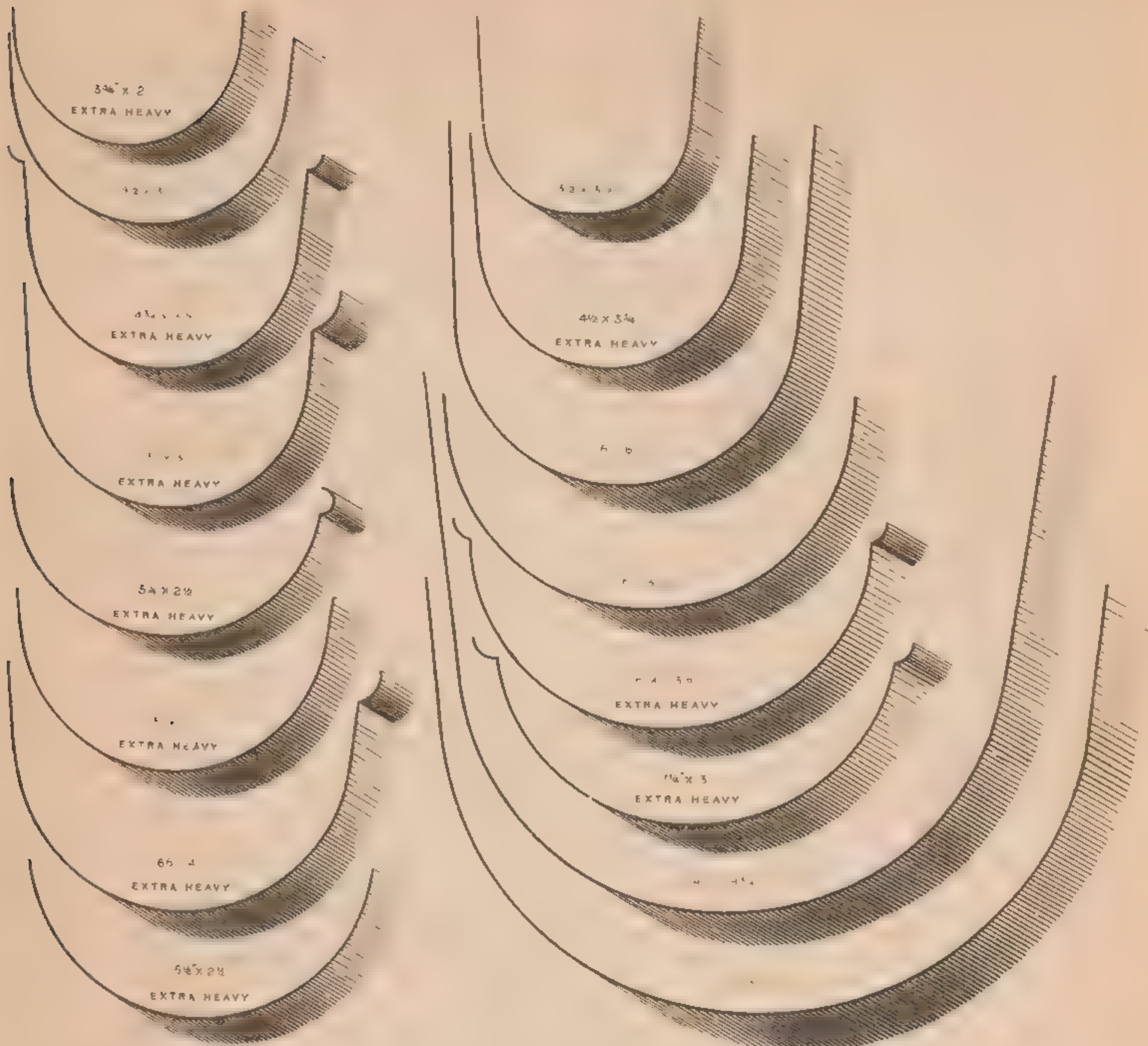
DIRECTIONS FOR ORDERING.

State the Nos. and sizes, and either order so many lengths along with the necessary Angles, Nozzle Pieces, Stops, &c., or by giving us a rough plan of the building with exact measurements, we will furnish them, all properly marked, and ready for fitting up. State also the No. and size of downpipe. The following example shows the simplest method of ordering, and giving measurements when wanted cut, ready for fitting up. The double line indicates the front of gutter.



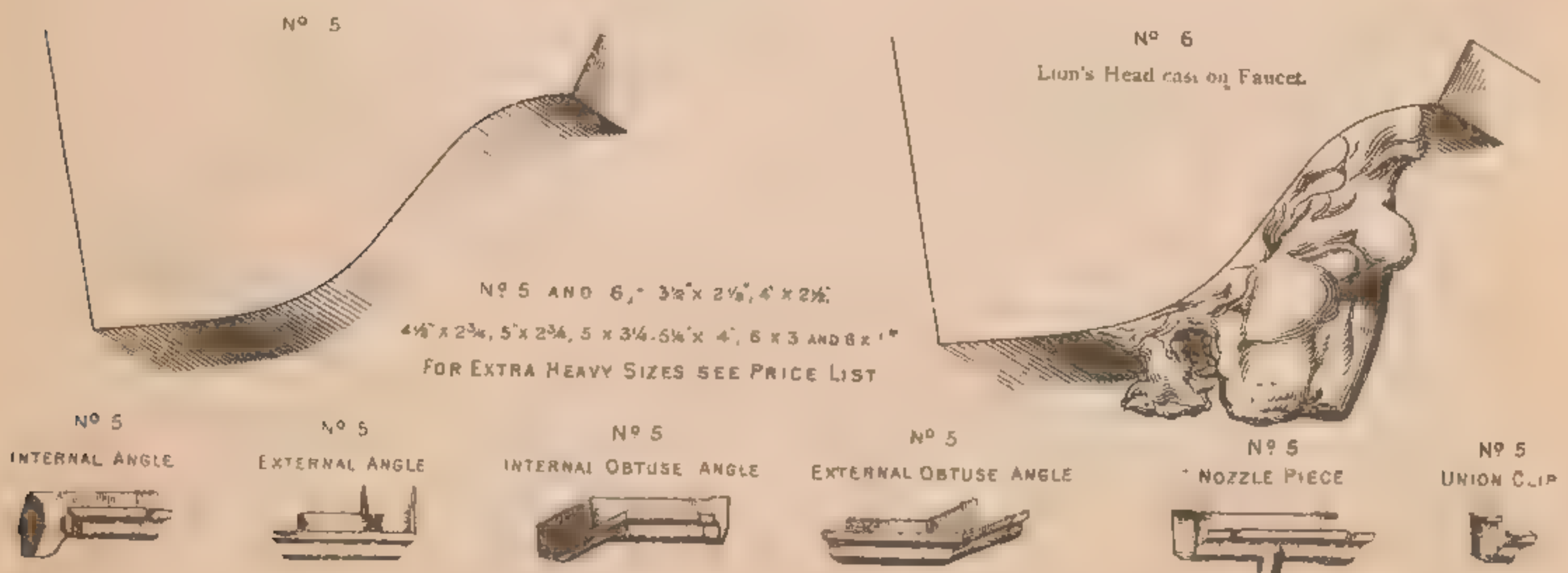
MACFARLANE'S HALF-ROUND GUTTERS.





SECTIONS QUARTER FULL SIZE

MACFARLANE'S OG GUTTERS



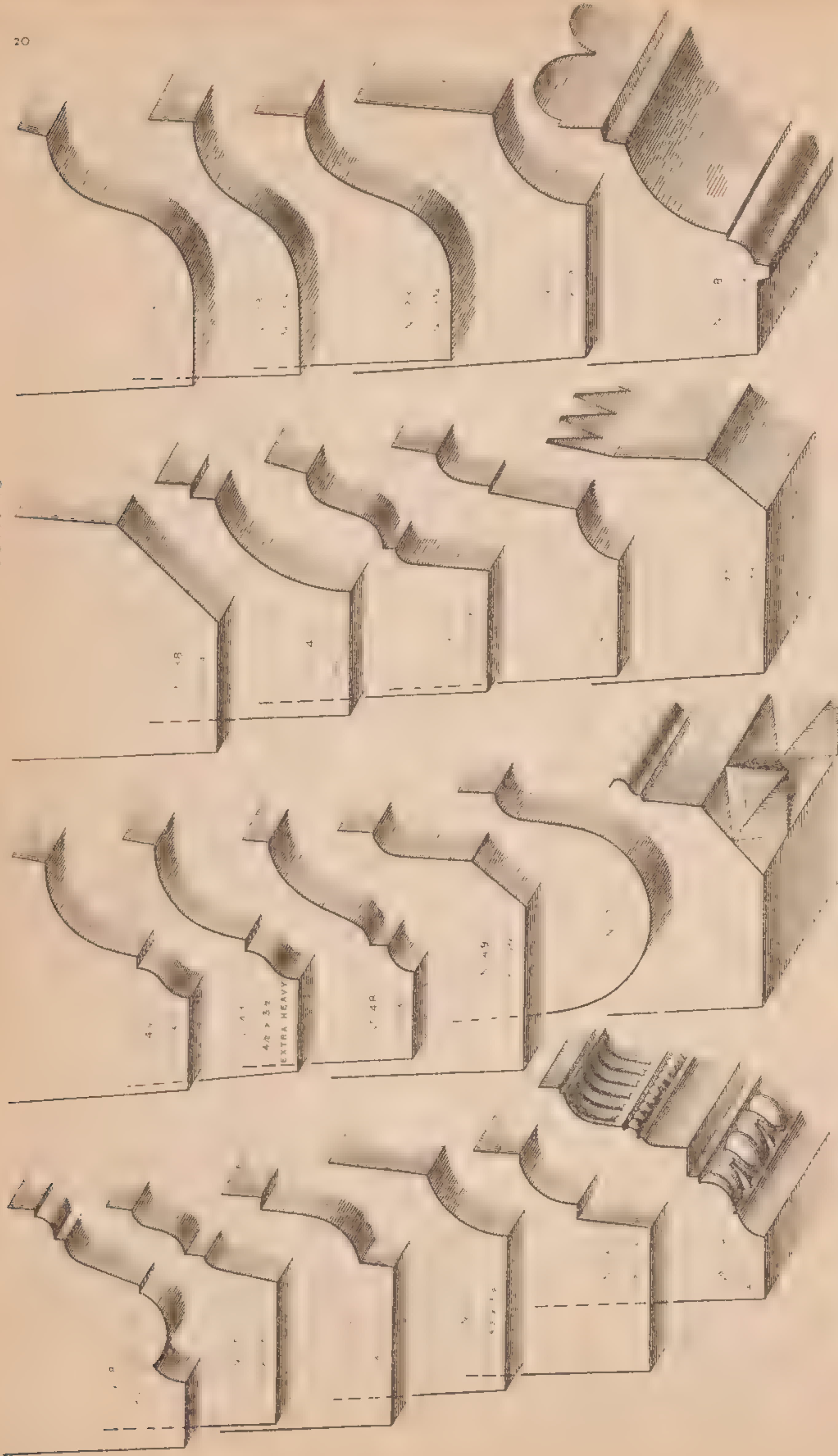
Connections for No. 6 same as for No. 5 but with lion's head on faucet

MACFARLANE'S CASTINGS — ORNAMENTAL GUTTERS

All our Ornamental Gutters, unless otherwise stated on section, have inside joints, giving on the outside an uninterrupted line of moulding



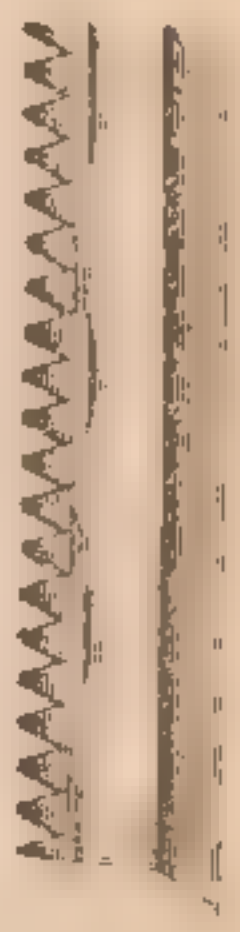
SECTIONS QUARTER FULL SIZE



50 08



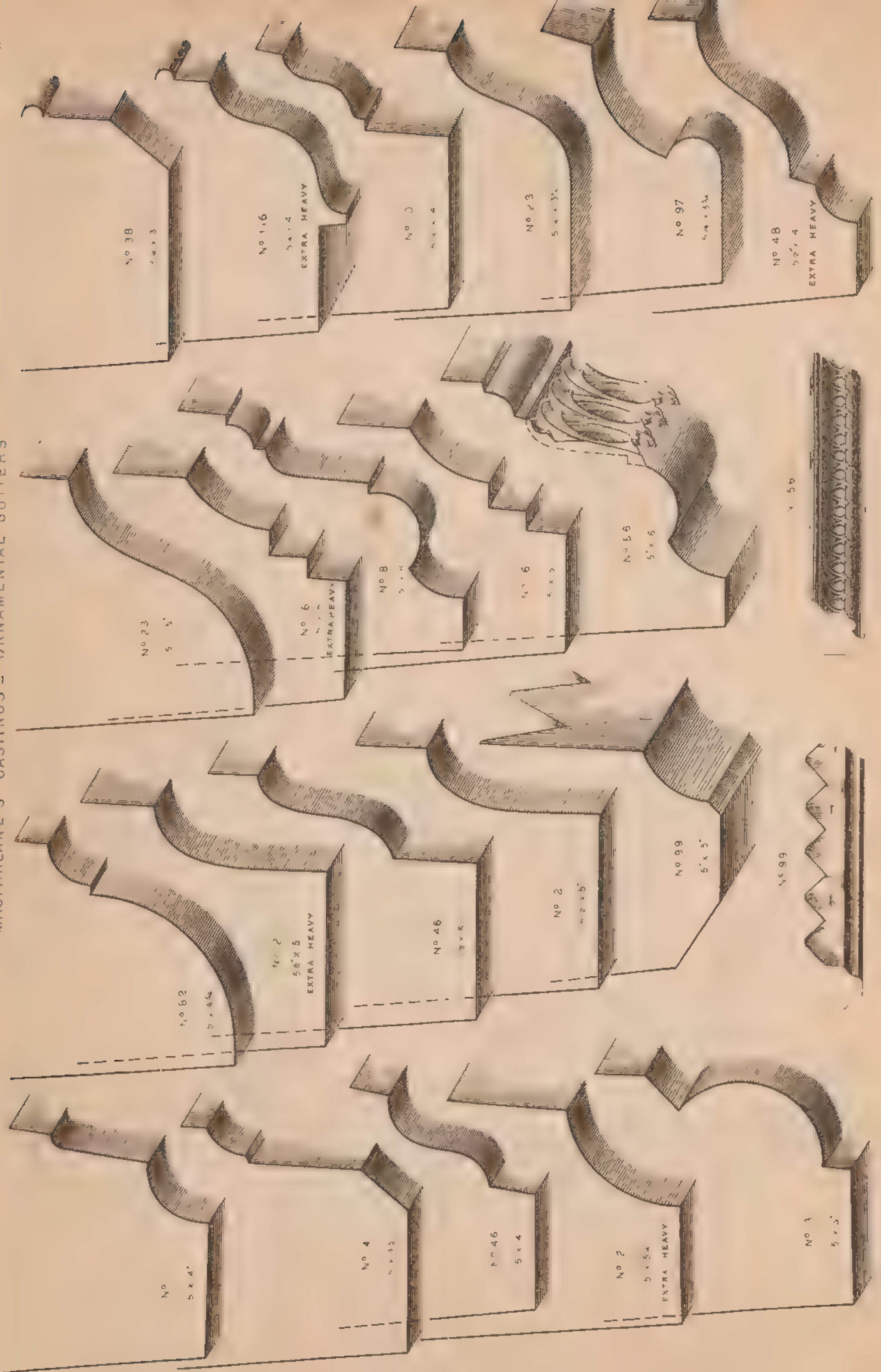
51 08



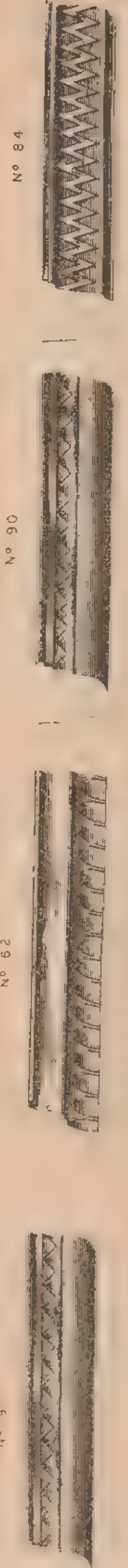
SECTIONS QUARTER FULL SIZE

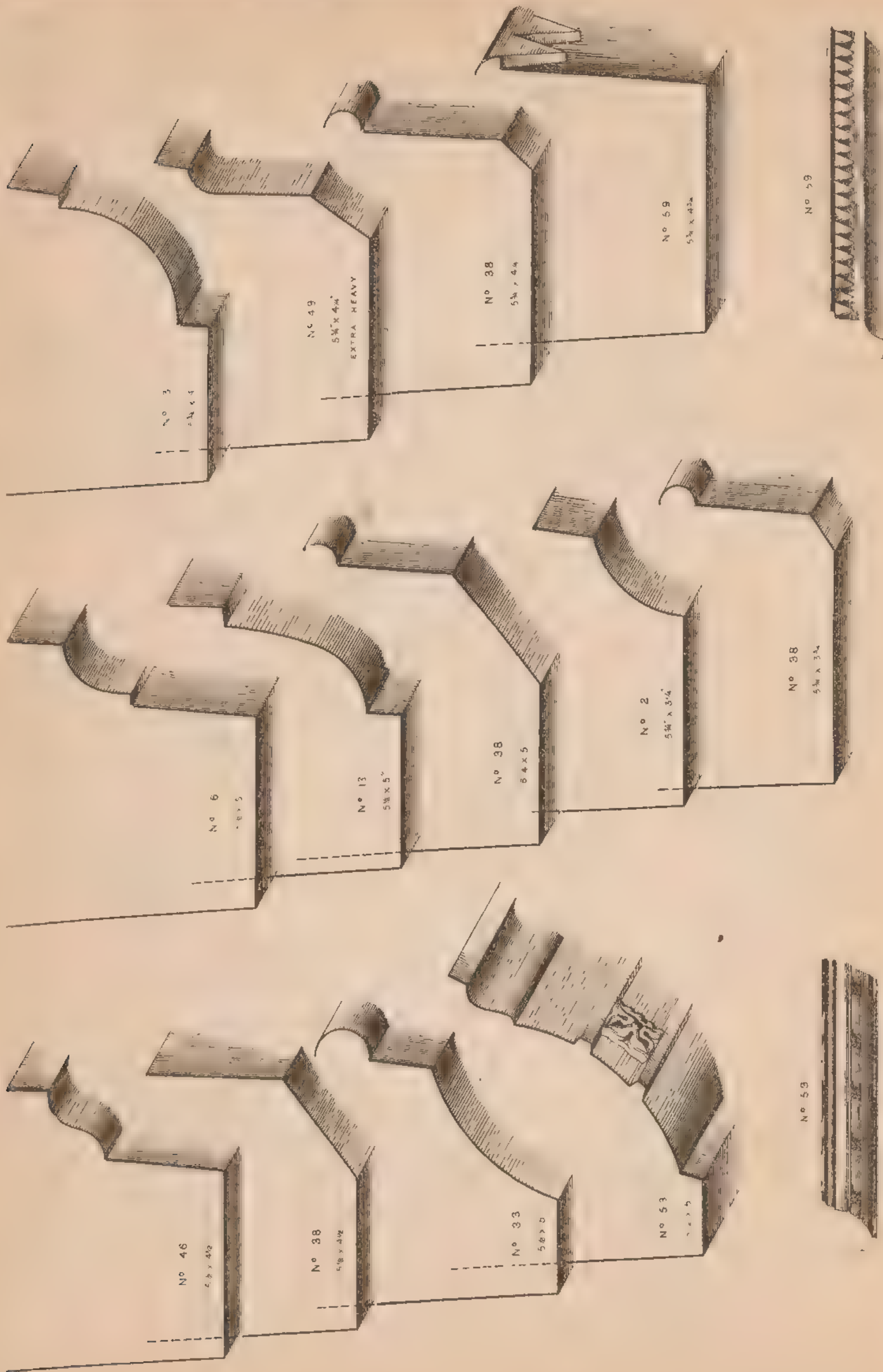


MACFARLANE'S CASTINGS - ORNAMENTAL GUTTERS



SECTIONS QUARTER FULL SIZE





SECTIONS QUARTER FULL SIZE

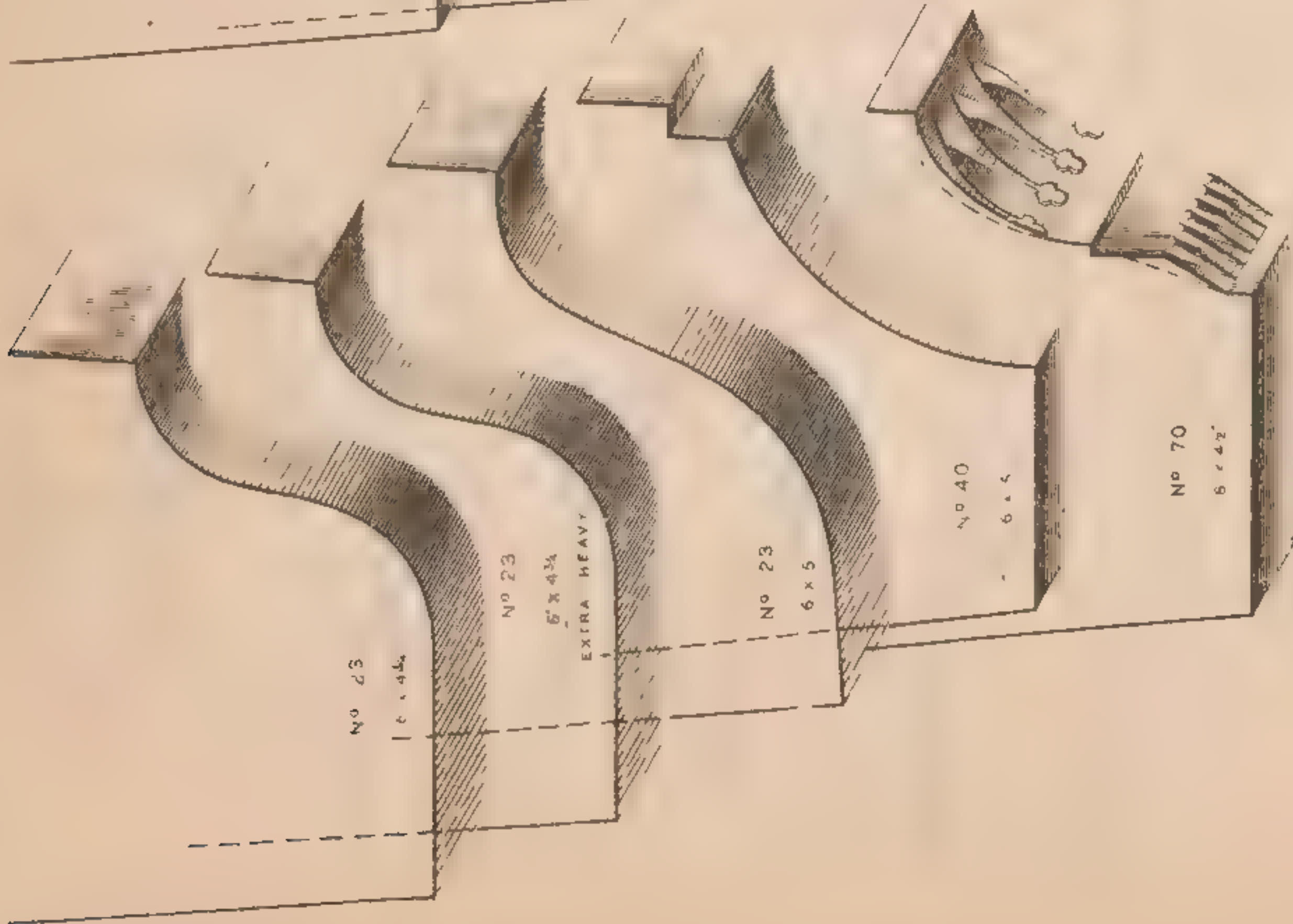


MACFARLANE'S CASTING- ORNAMENTAL GUTTERS

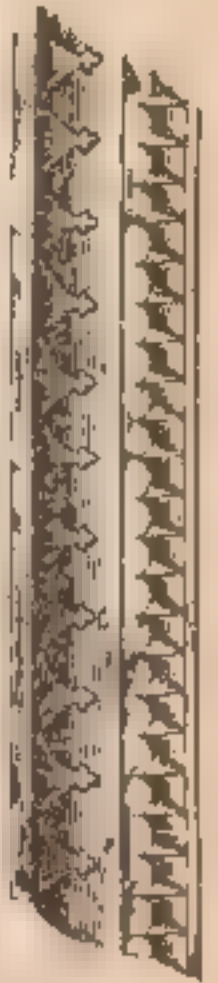


SECTIONS QUARTER FULL SIZE





No 70



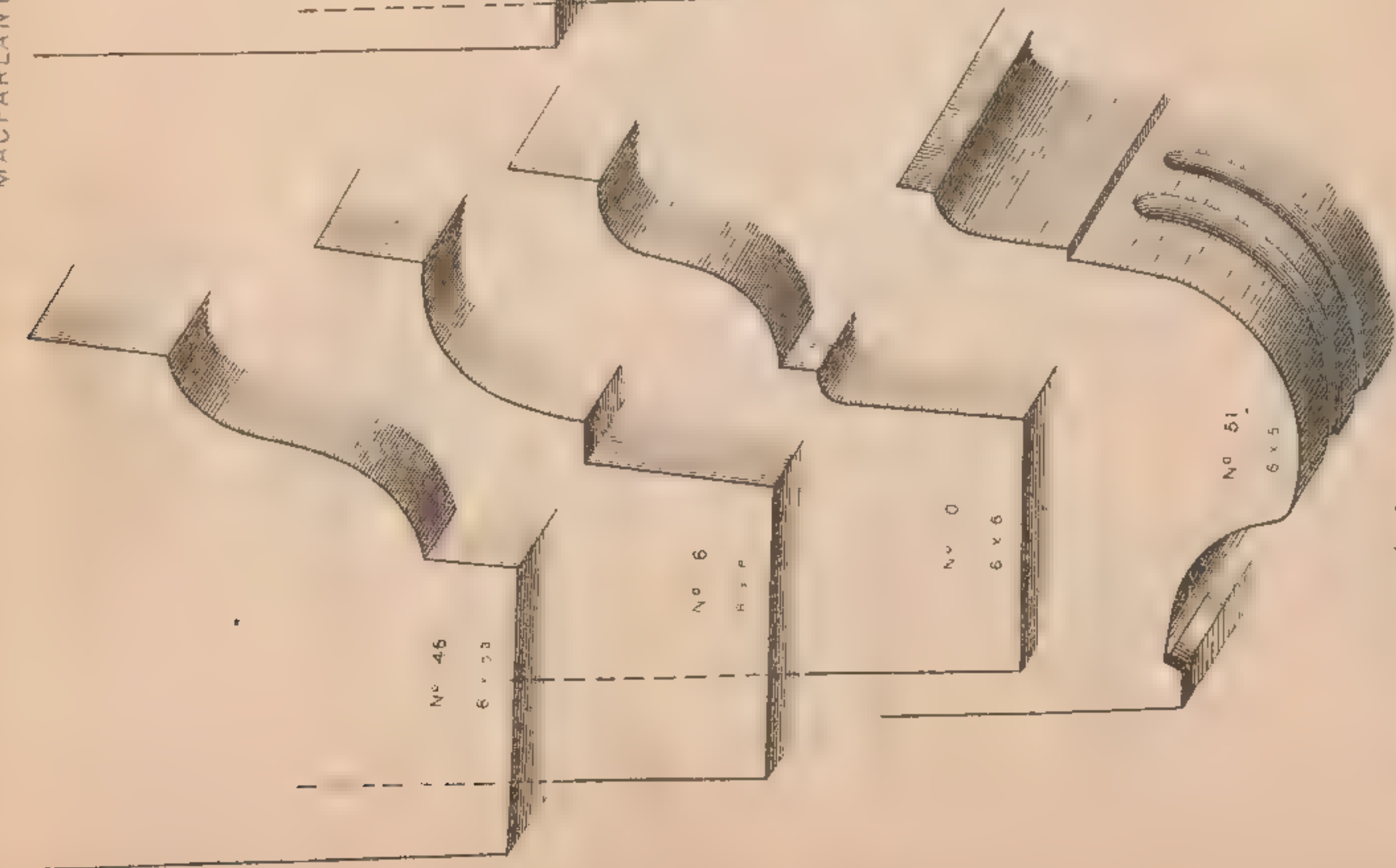
No 10



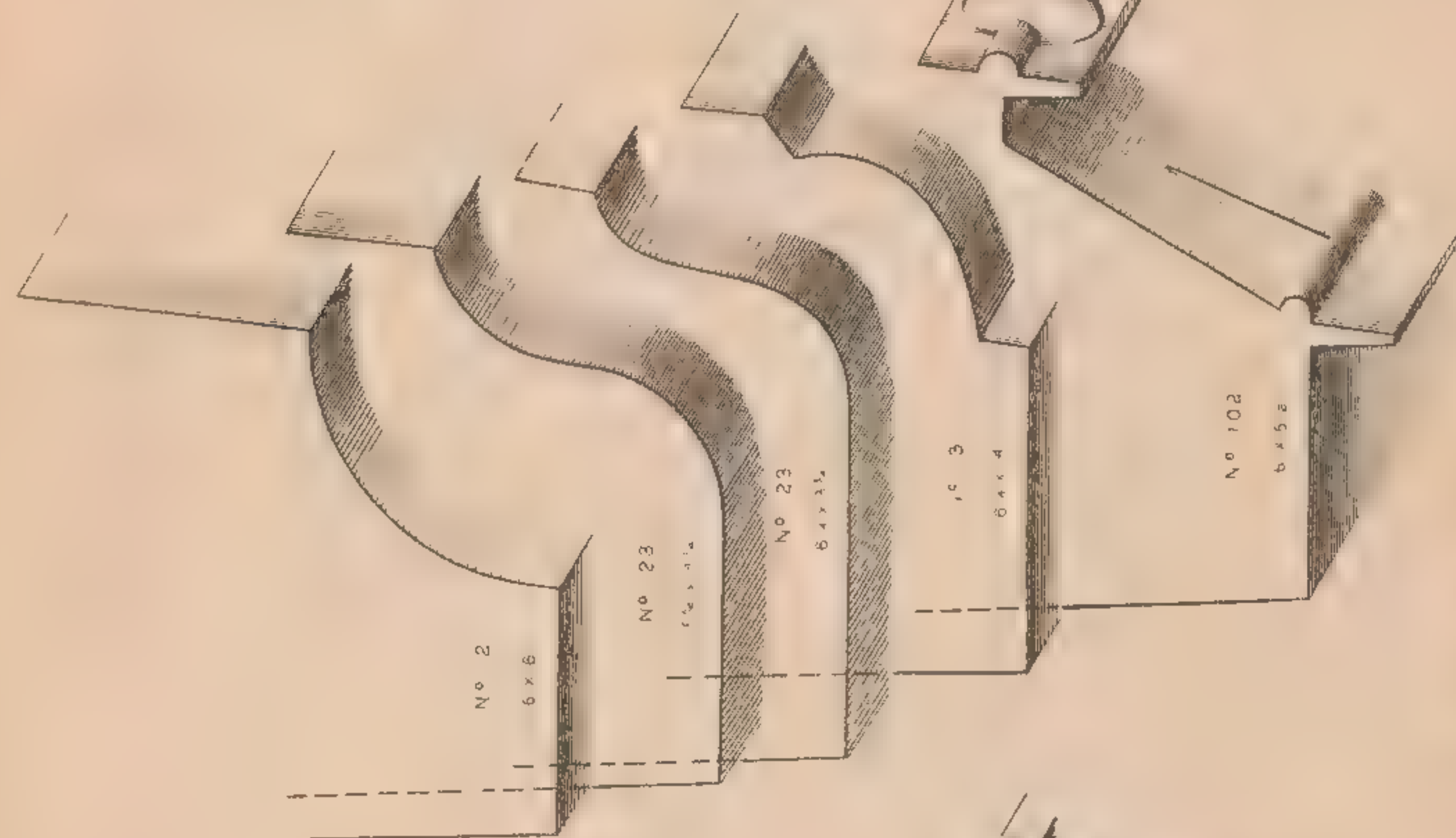
No 00



SECTION QUARTER FULL SIZE



N 5



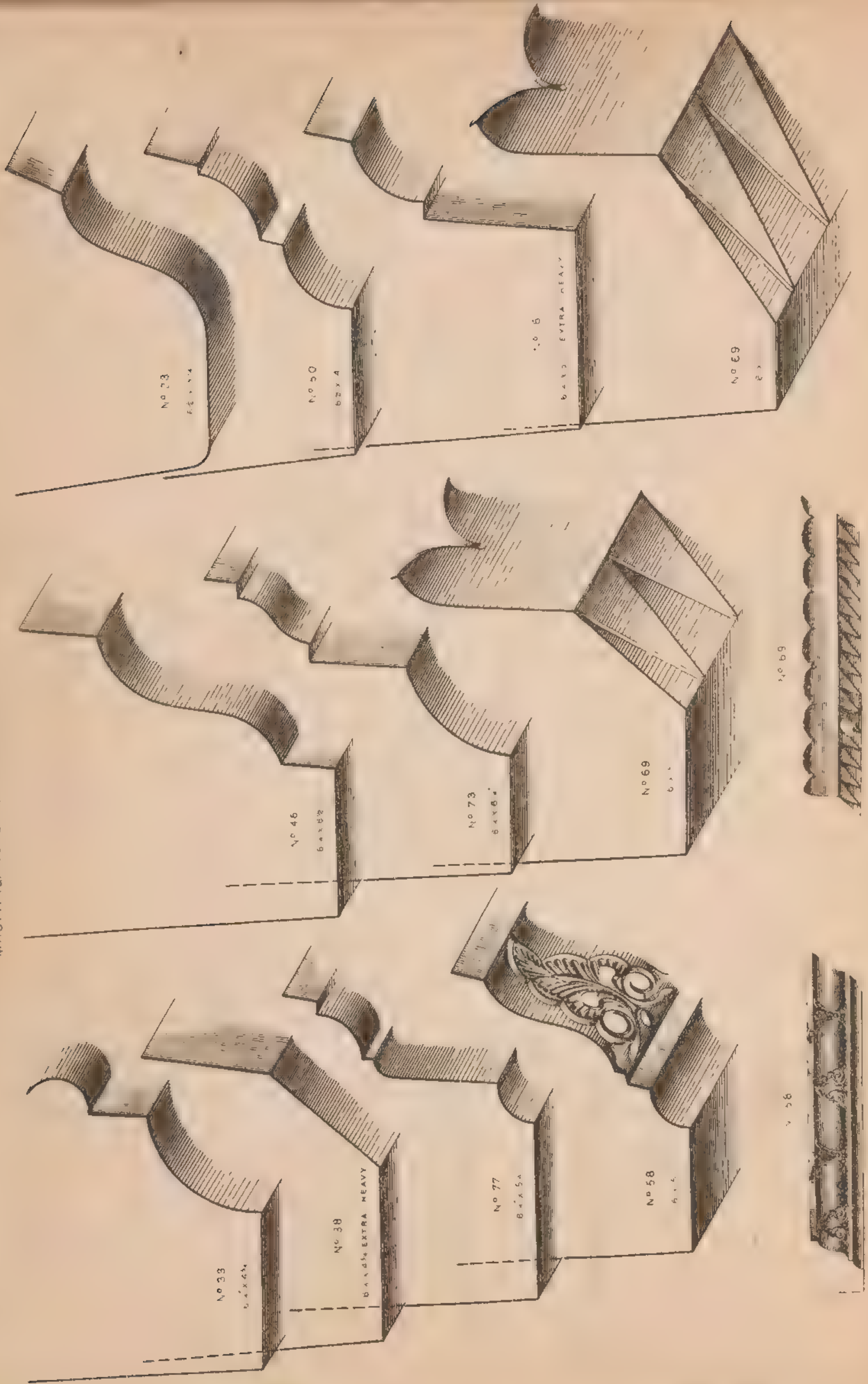
N 102



N 03

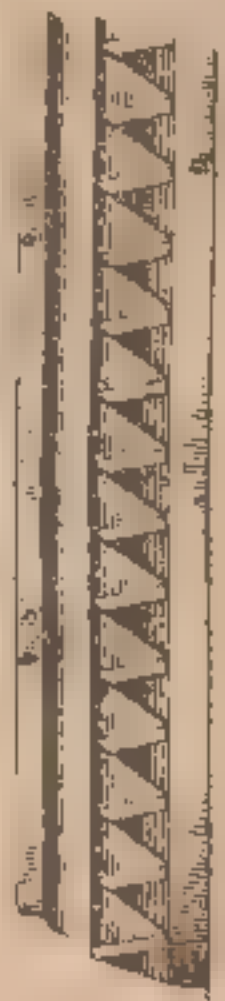
SECTIONS QUARTER FULL SIZE

MACFARLANE'S CASTINGS ORNAMENTAL GUTTERS

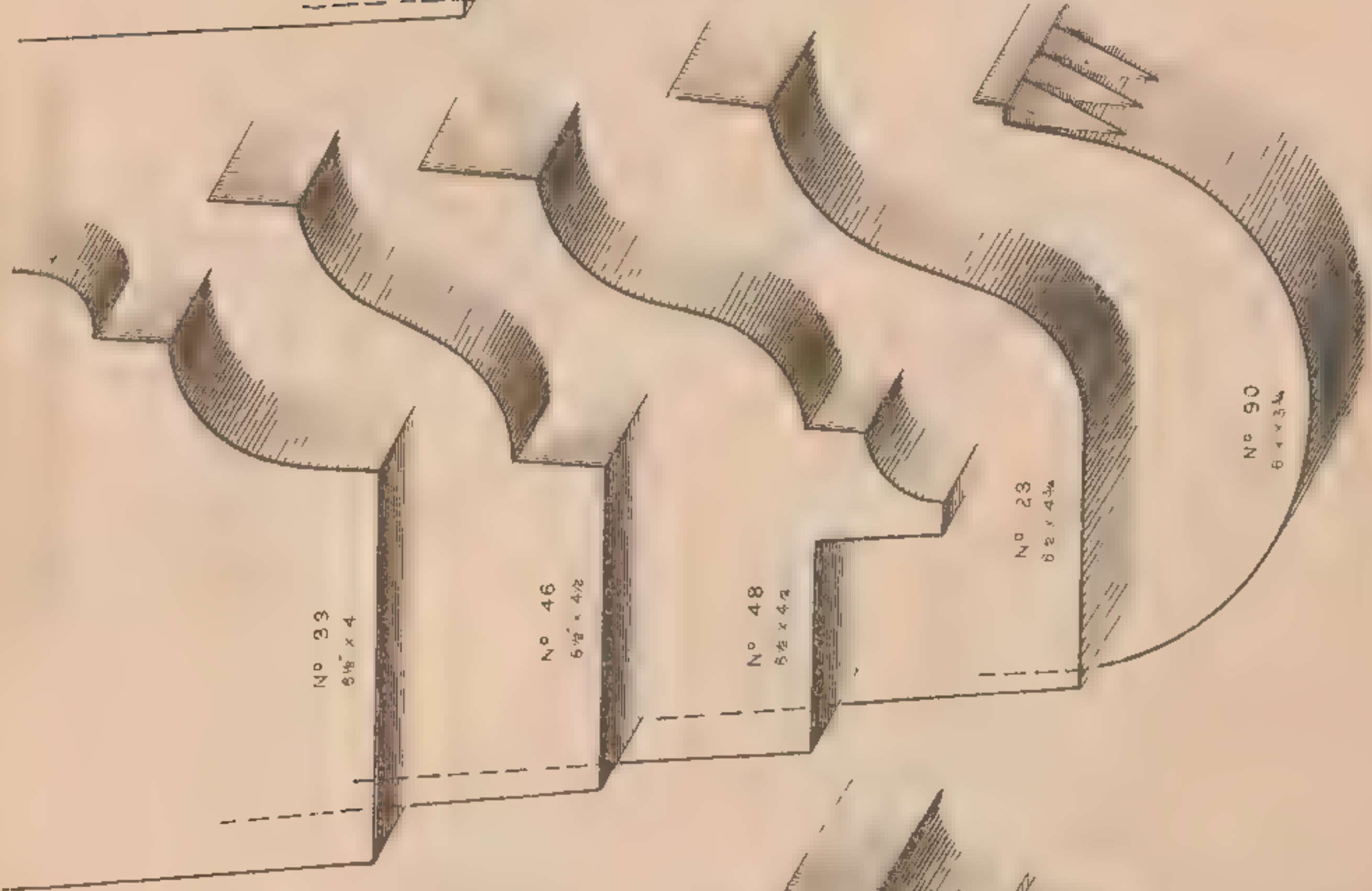


SECTIONS QUARTER FULL SIZE

MACFARLANE'S CASTINGS ORNAMENTAL GUTTERS



No. 05



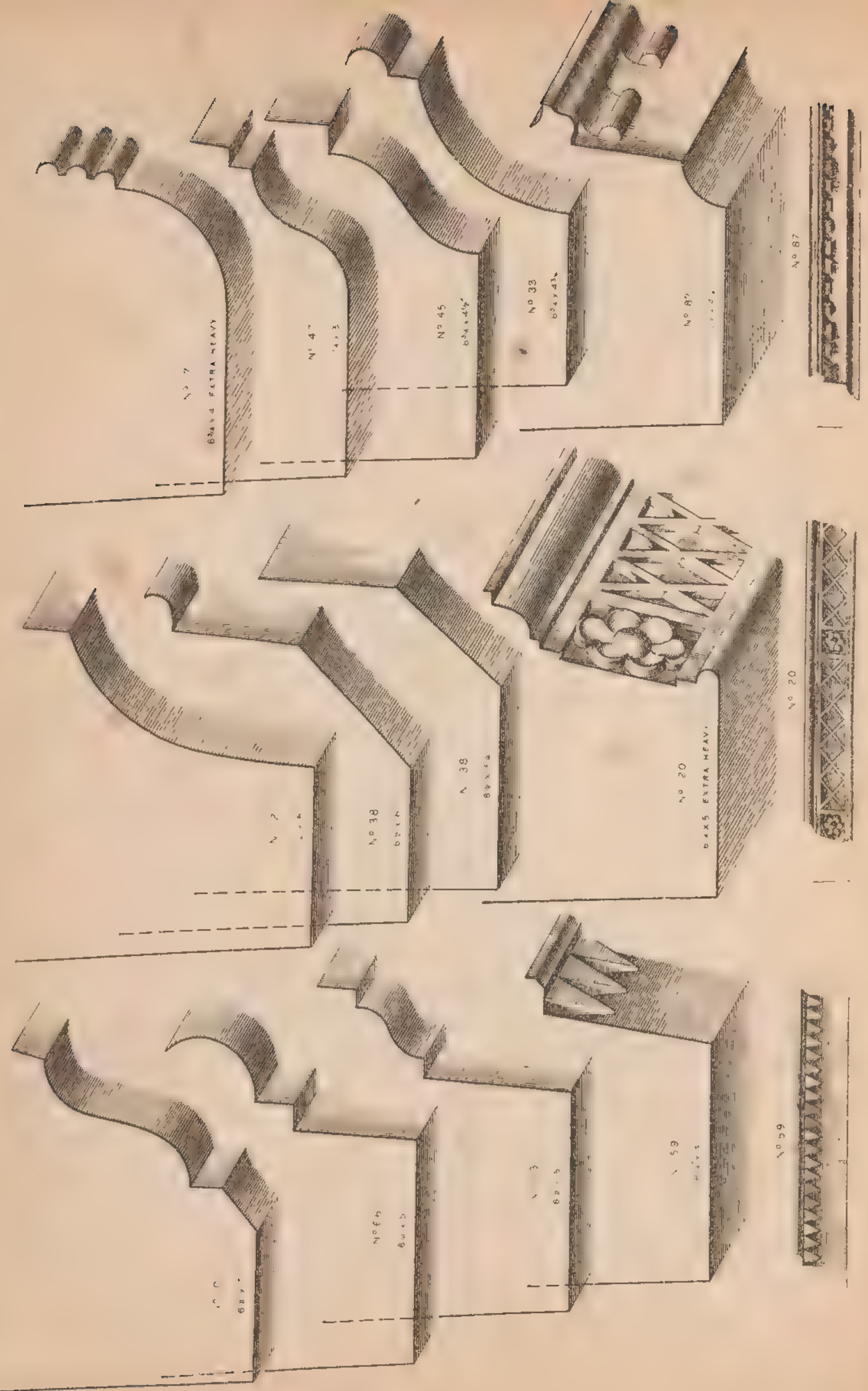
No. 90



No. 99

SECTION - QUARTER FULL SIZE

MACFARLANE'S CASTINGS — ORNAMENTAL GUTTERS



SECTIONS QUARTER FULL SIZE



SECTION ONE QUARTER INCH

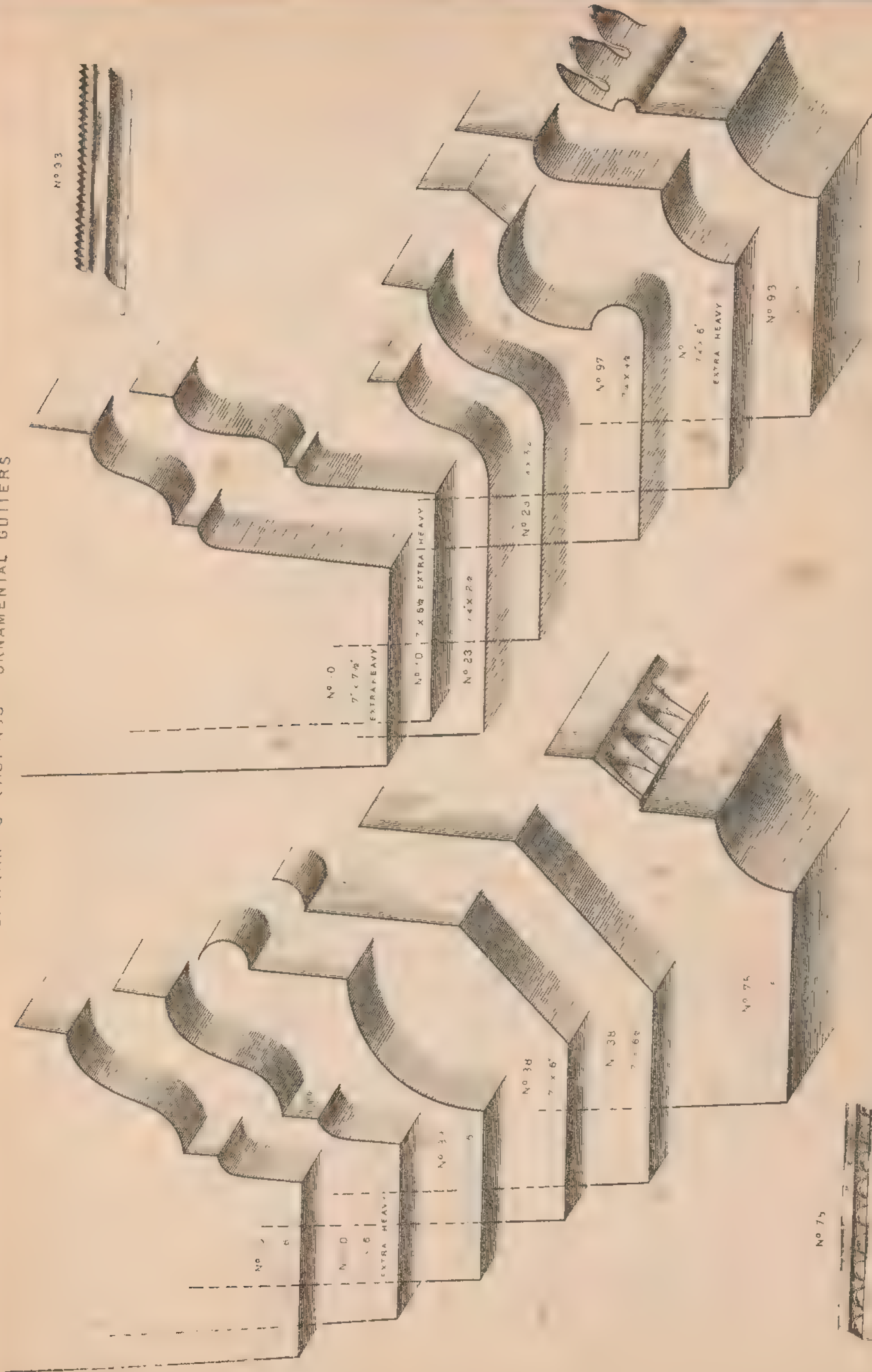


MACFARLANE'S ASTINGS ORNAMENTAL GUTTERS



SECTIONS QUARTER FULL SIZE

MACFARLANE'S PATENT'S ORNAMENTAL GUTTERS



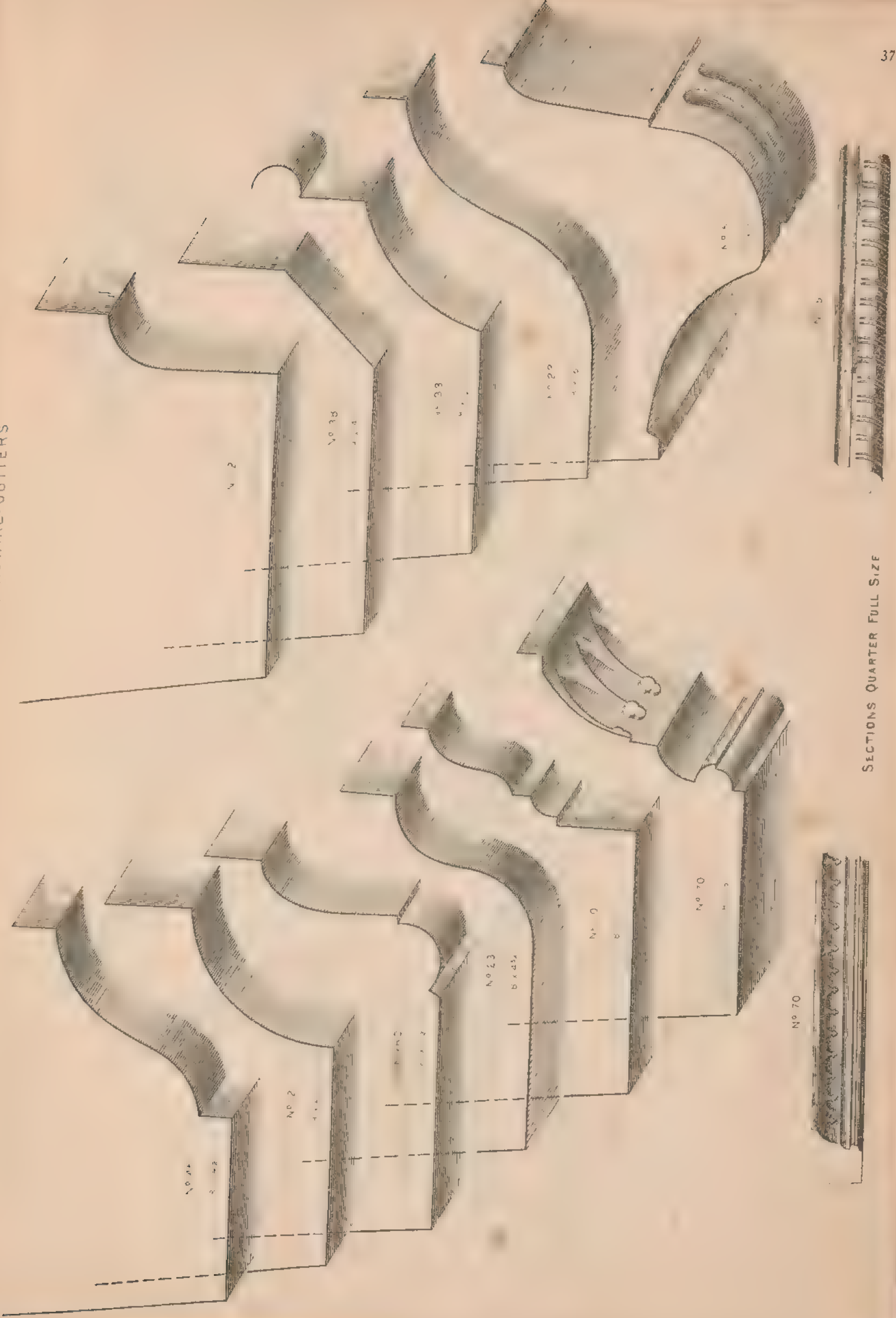
SECTIONS QUARTER FULL SIZE

MACFARLANE'S CASTINGS ORNAMENTAL GUTTERS

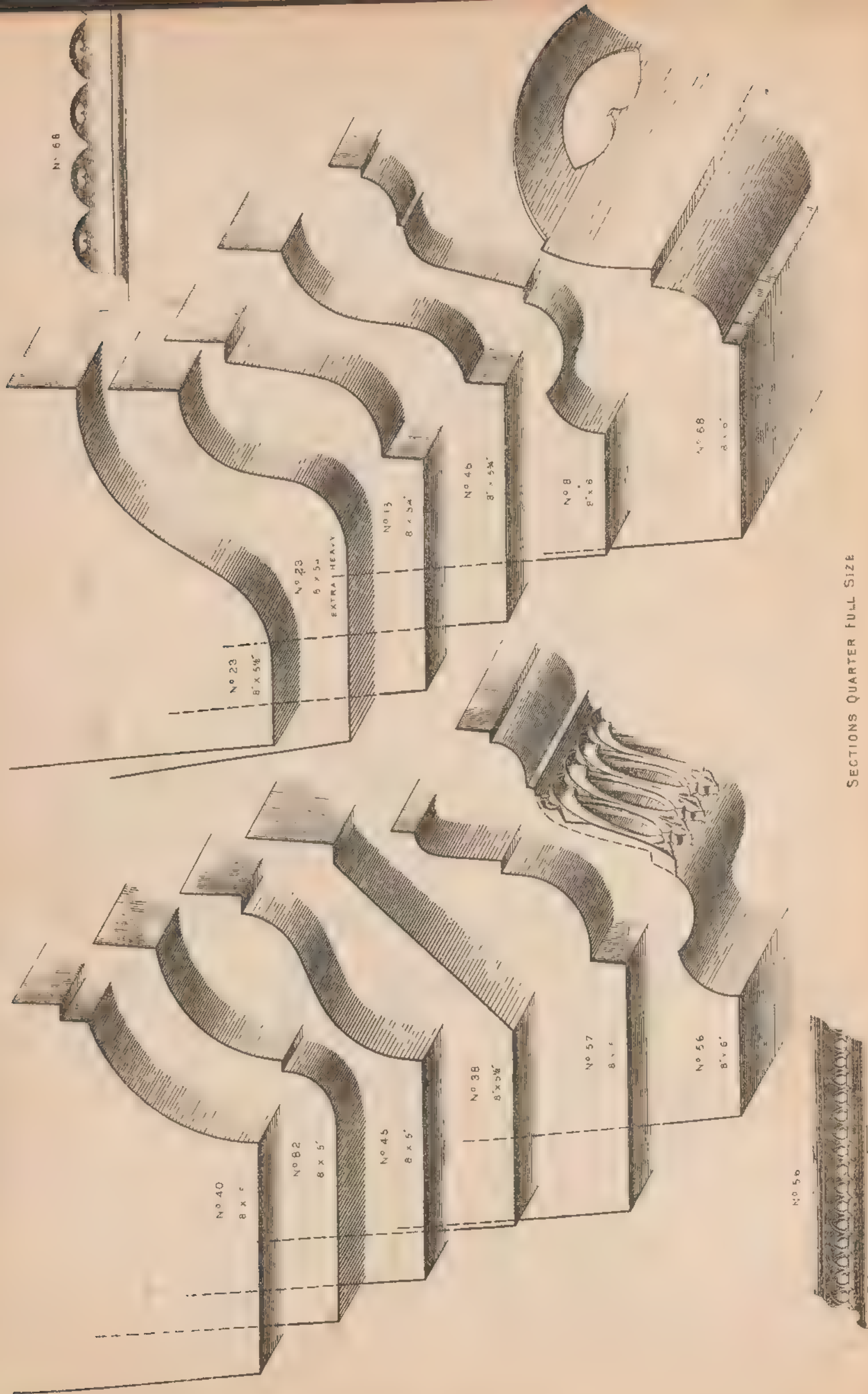


SECTIONS QUARTER FULL SIZE



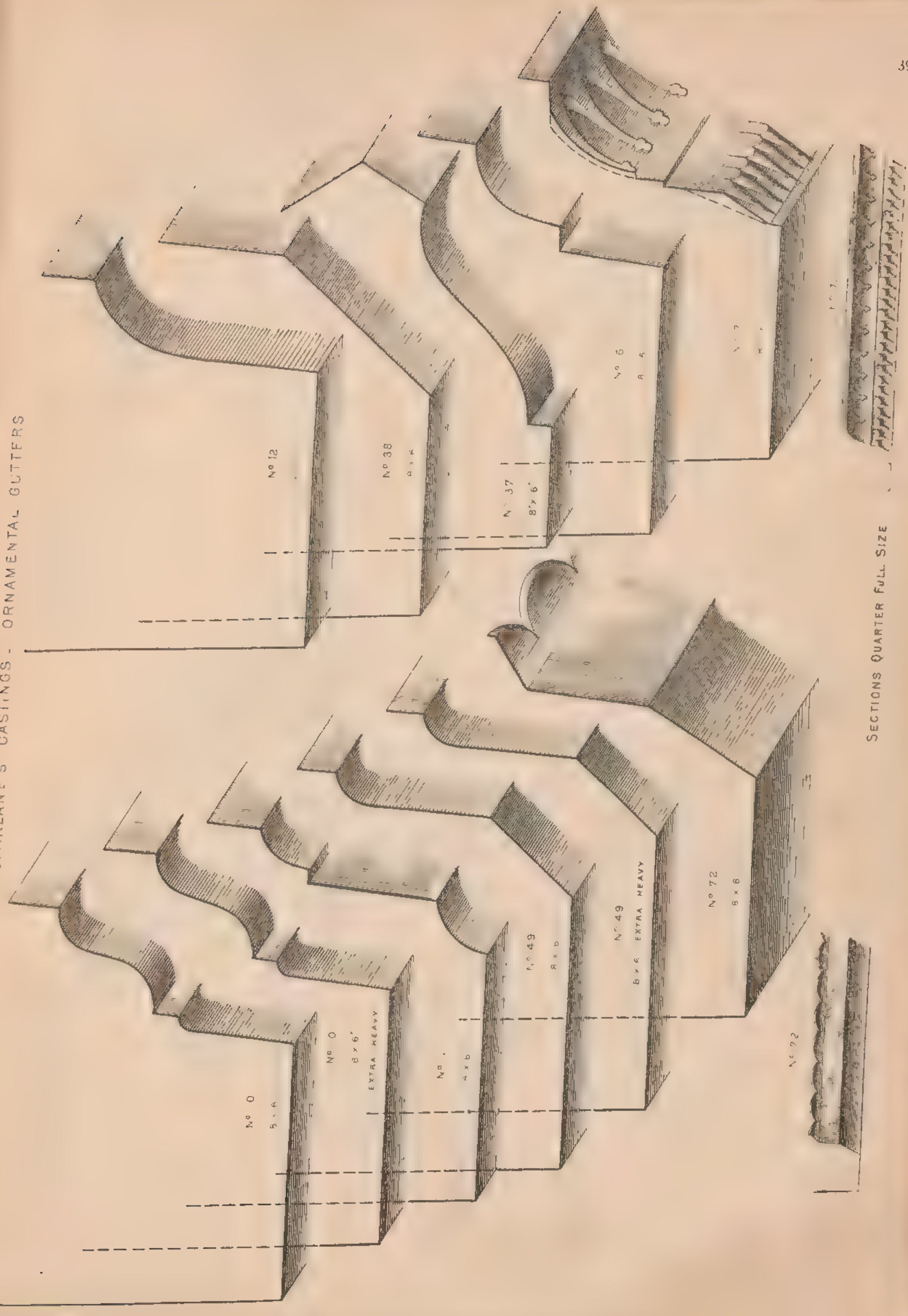


MACFARLANE'S CASTINGS — ORNAMENTAL CUTTINGS



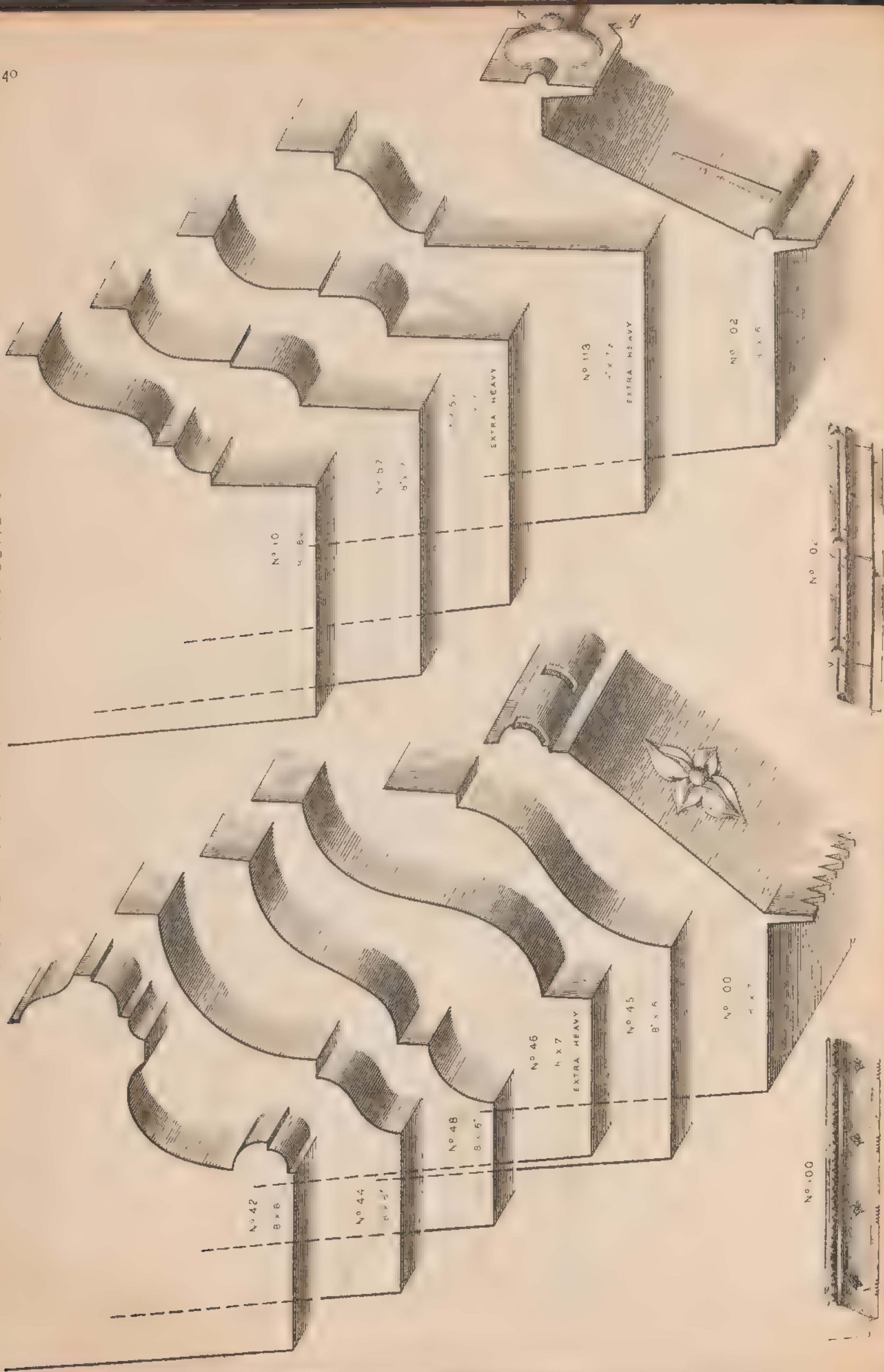
SECTIONS QUARTER FULL SIZE

MACFARLANE'S CASTINGS - ORNAMENTAL GUTTERS

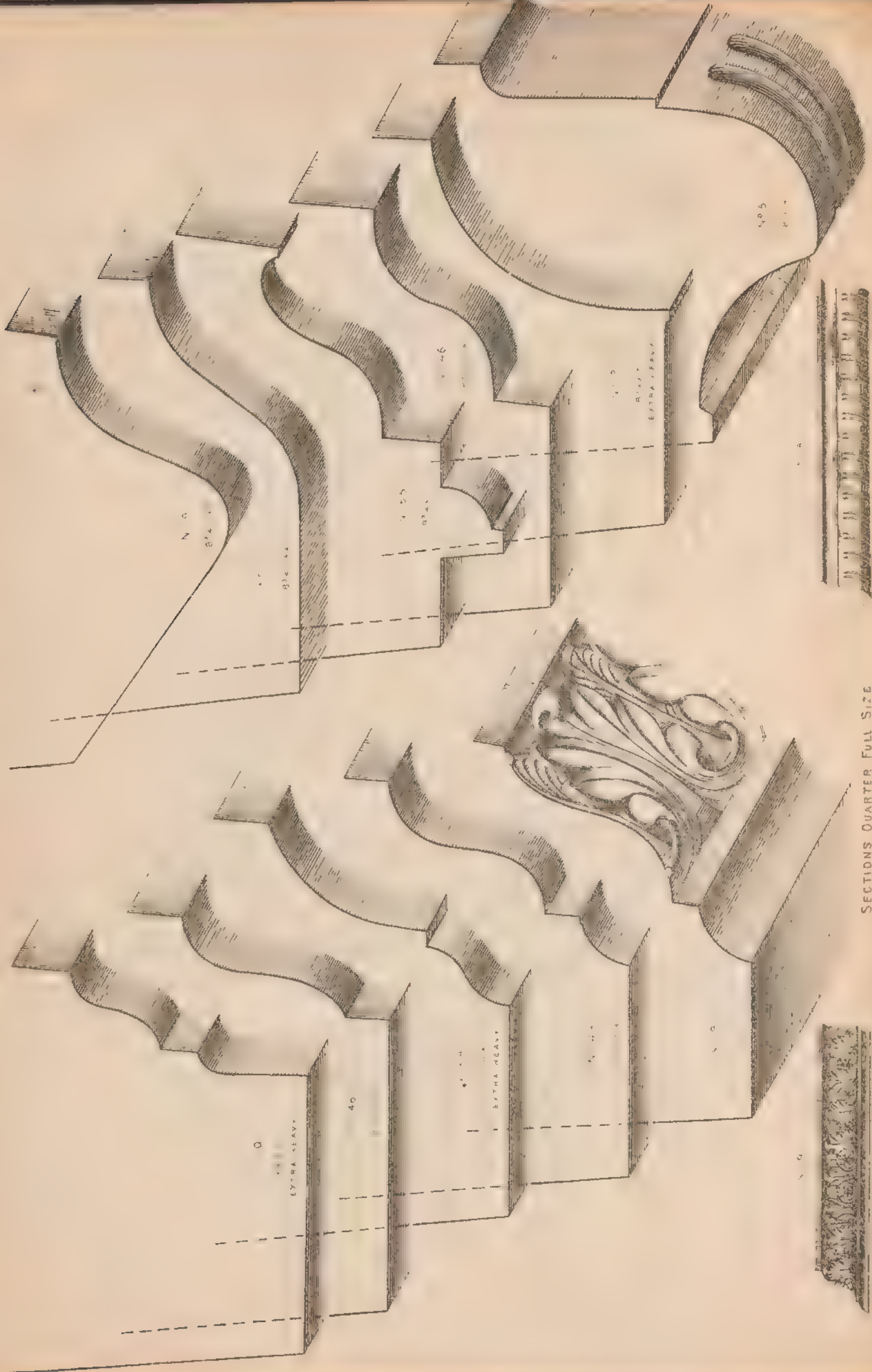


SECTIONS QUARTER FULL SIZE

MACFARLANE'S CASTINGS ORNAMENTAL GUTTERS

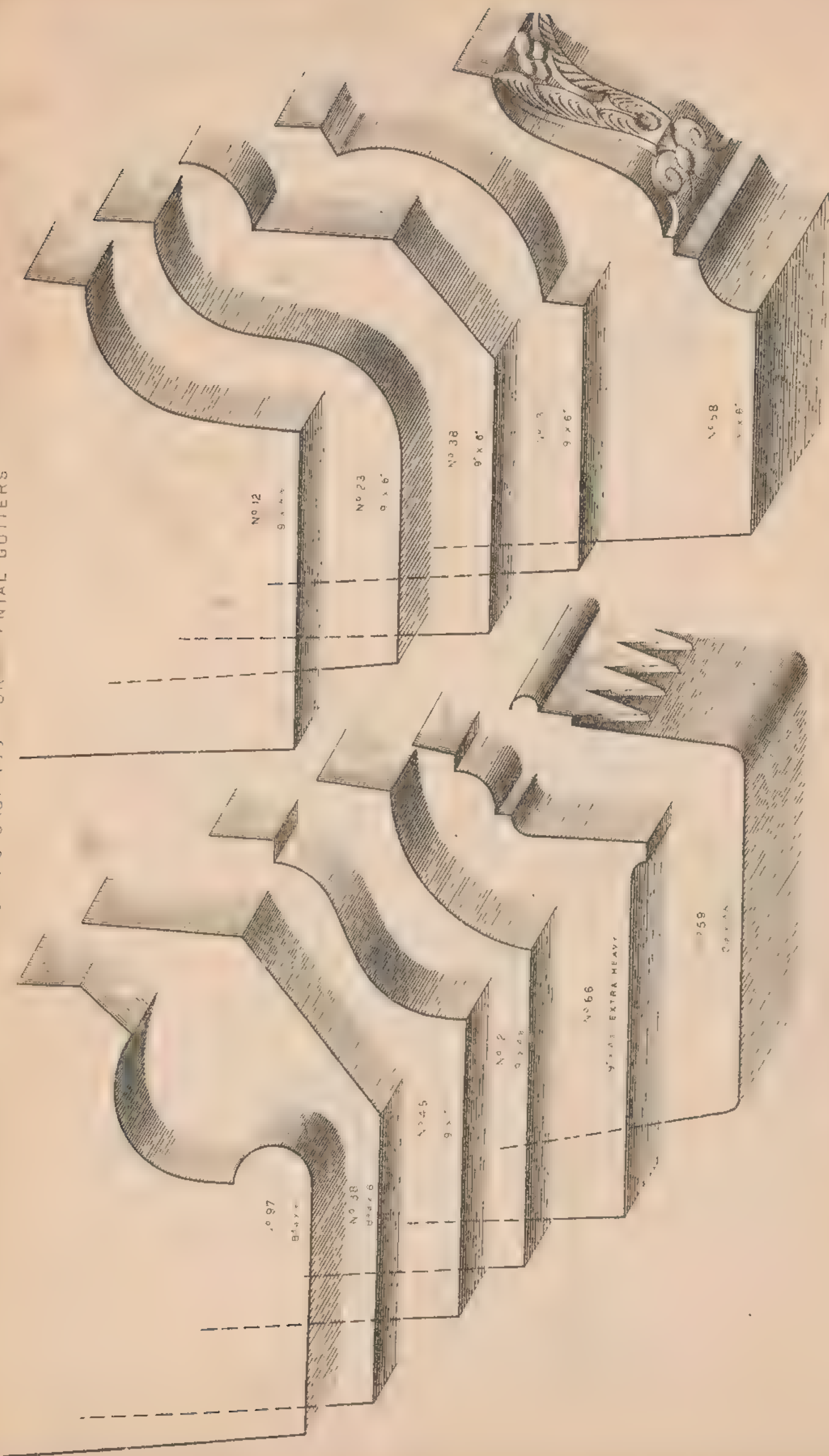


MACFARLANES CAS' N... ORNAMENTAL CUTTERS



SECTIONS QUARTER FULL SIZE

MAC'ARLANE'S CAST IRON OR FANTAL GUTTERS



No 58



No 49



SECTION 0 AFTER FULL SIZE

W. FARLANE'S CAST-IRON ORNAMENTAL GUTTERS



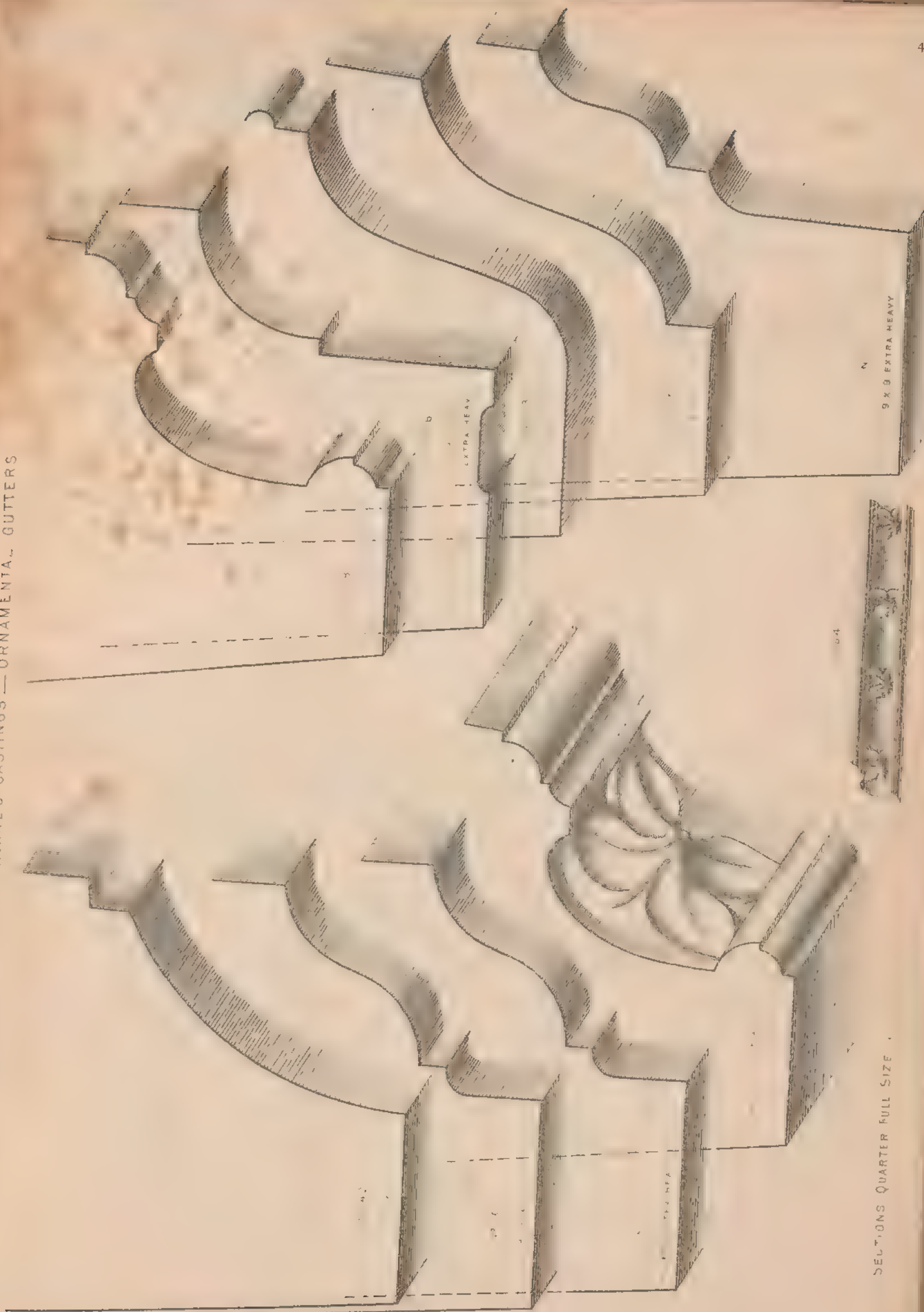
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SECTIONS QUARTER FULL SIZE

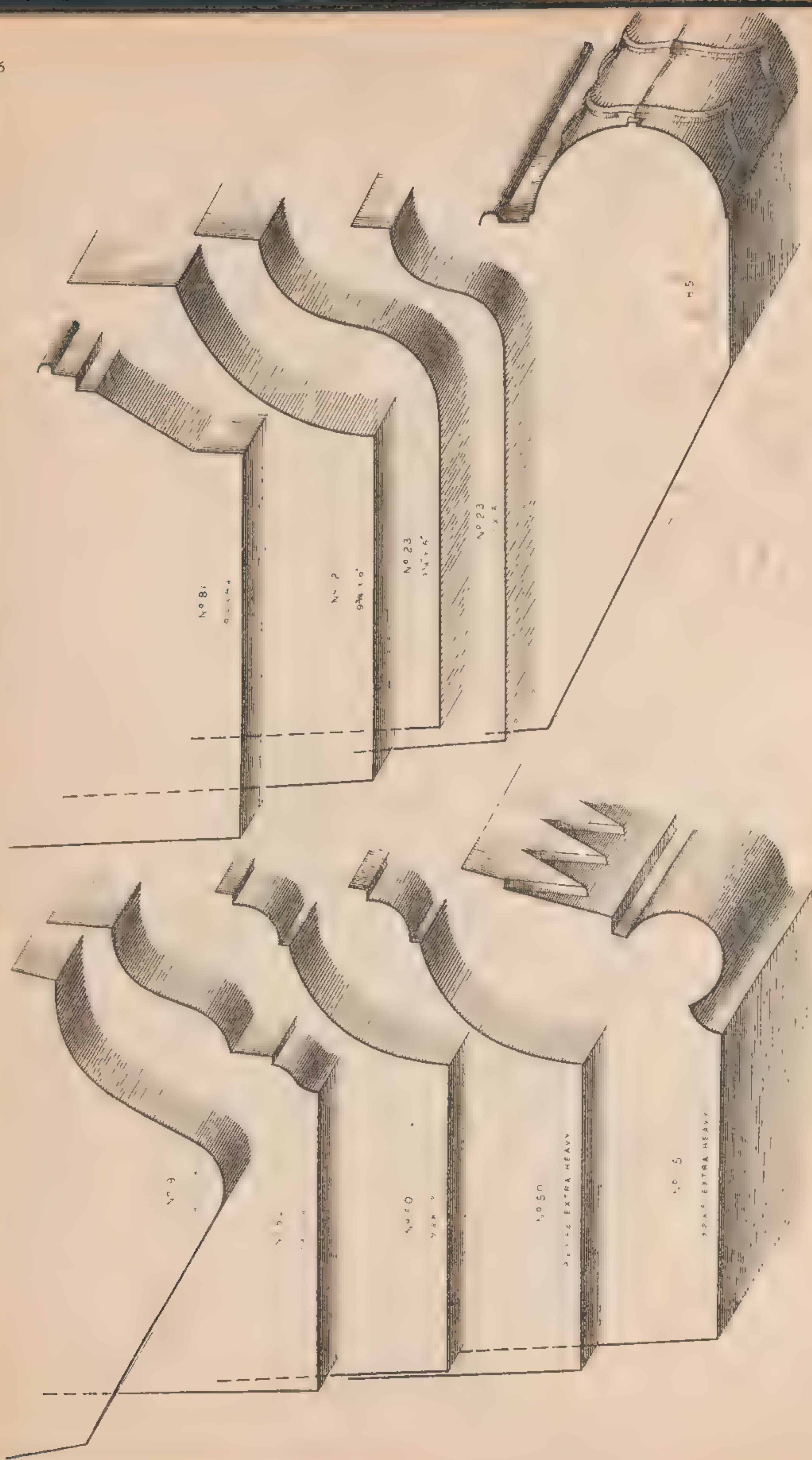


35



SECTIONS QUARTER FULL SIZE

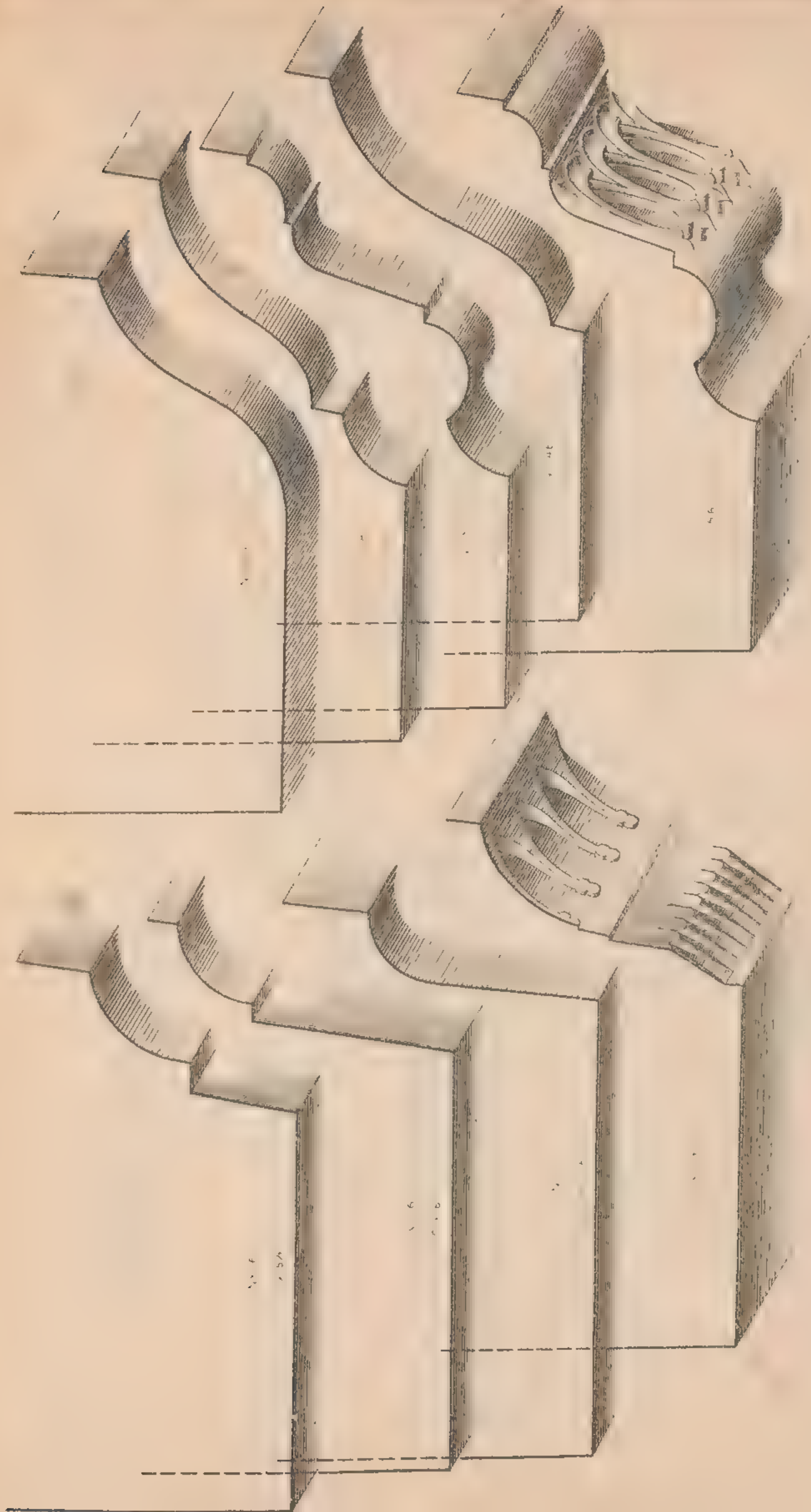
MACFARLANE'S CASTINGS ORNAMENTAL GUTTERS



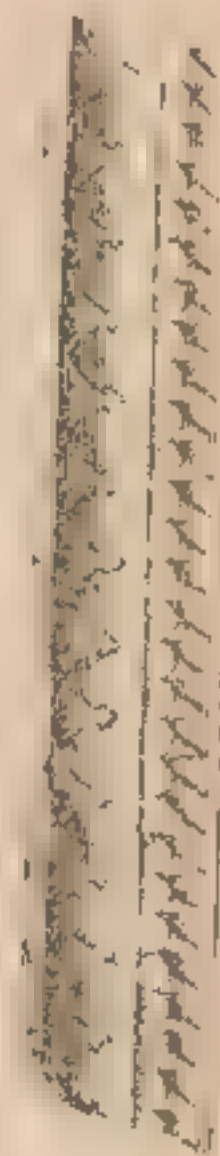
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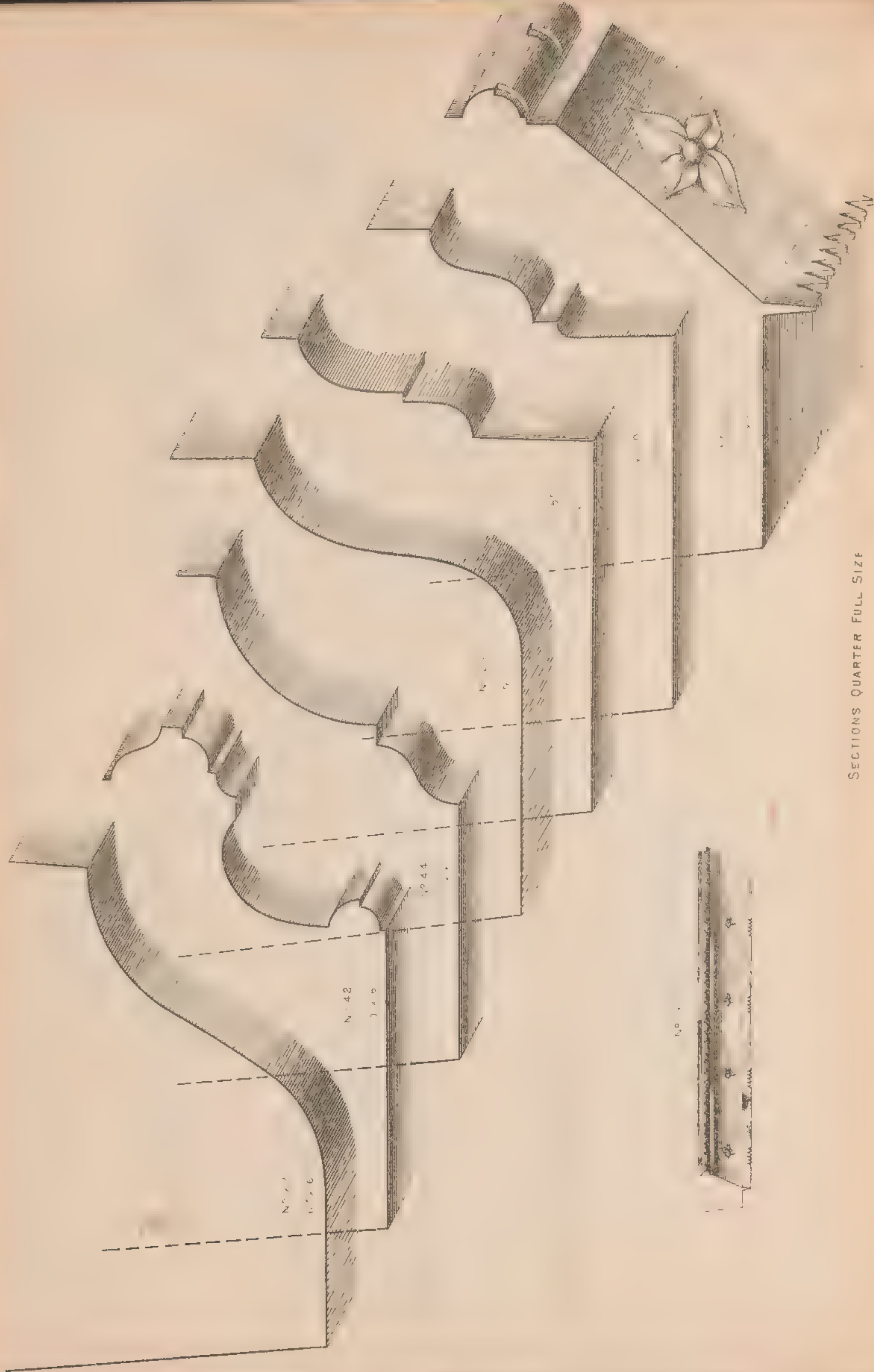
MACFARLANES CASTINGS — ORNAMENTAL GUTTERS



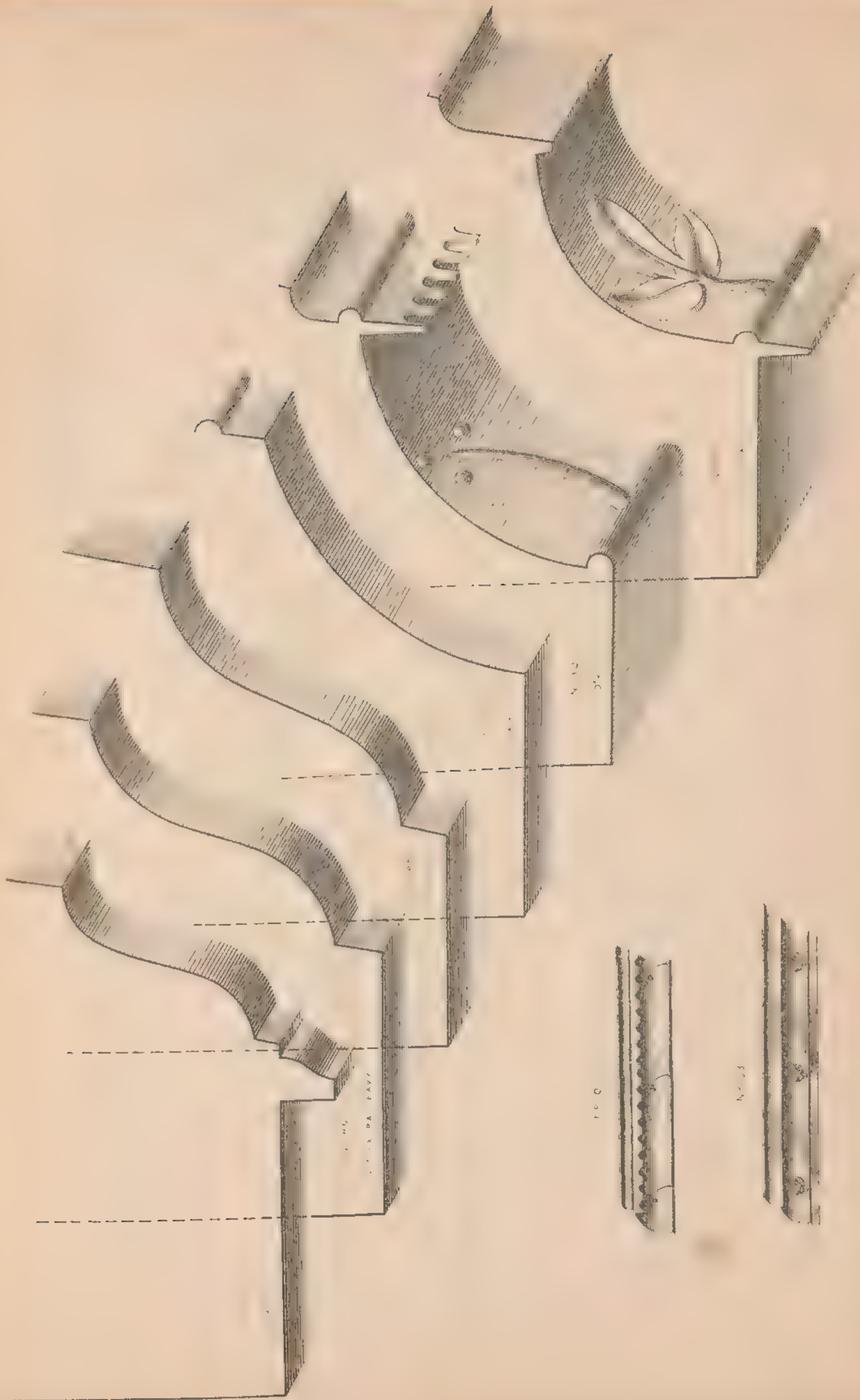
SECTIONS QUARTER FULL SIZE



MACFARLANE'S CASTINGS ORNAMENTAL GUTTERS

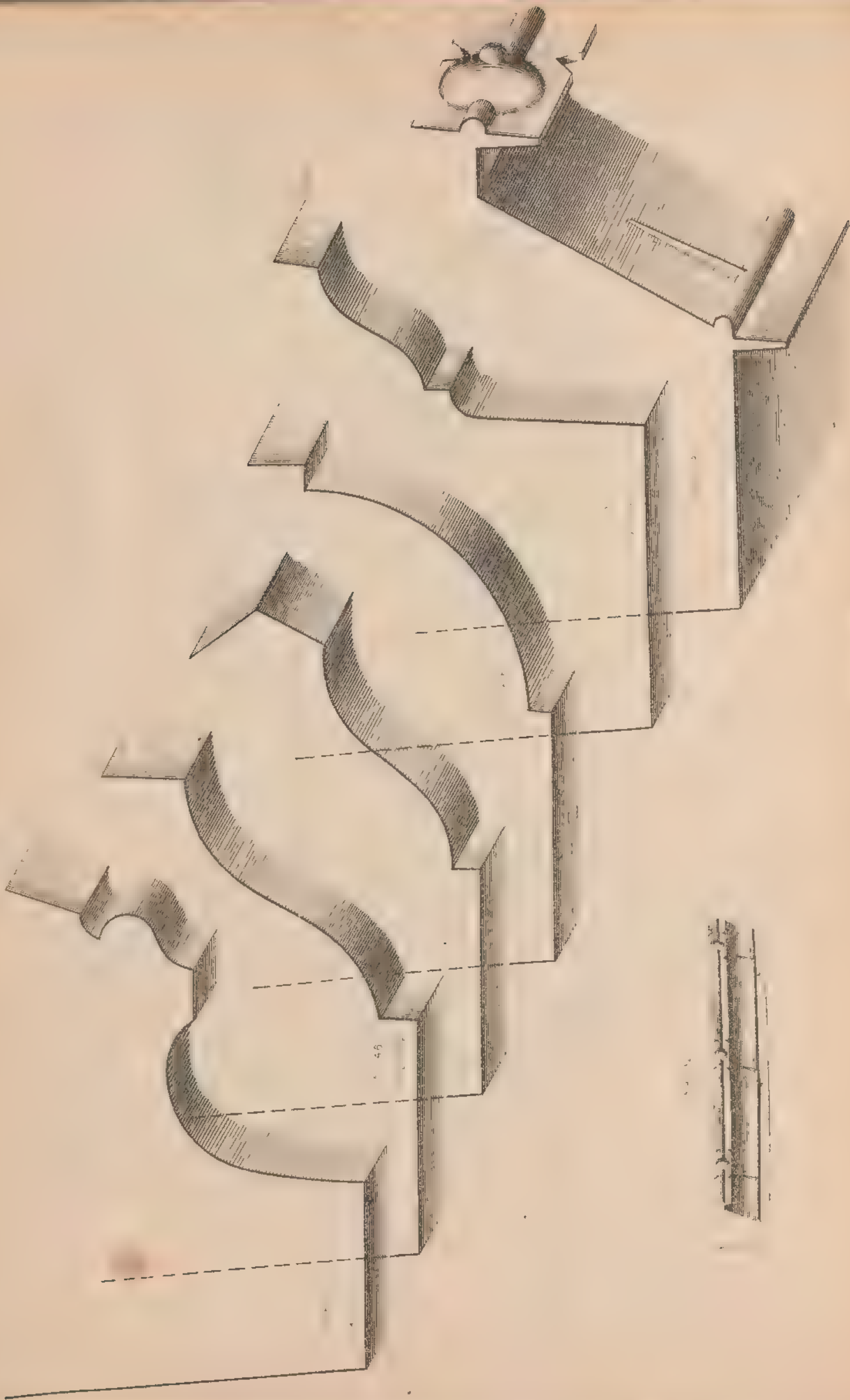


SECTIONS QUARTER FULL SIZE

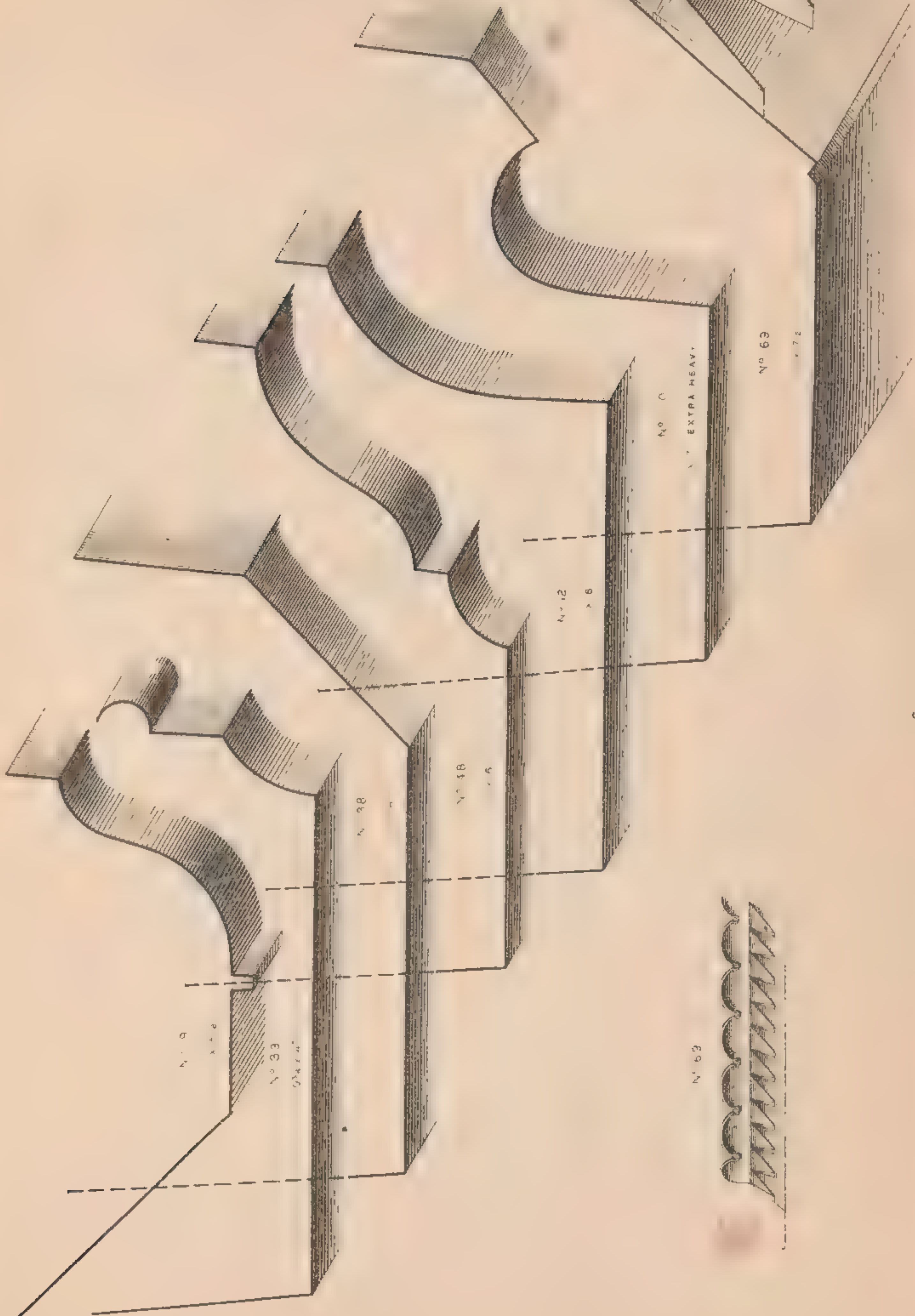


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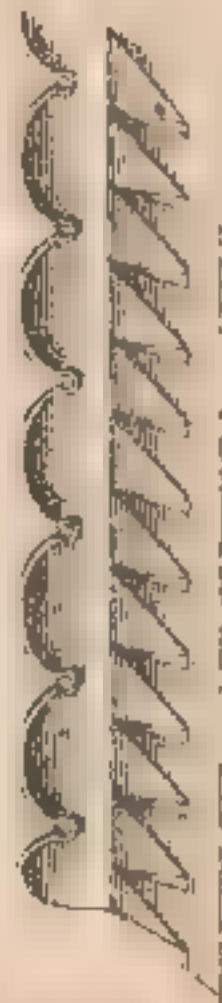
MACFARLANE'S CASTINGS - ORNAMENTAL GUTTERS



MACFARLANE'S CASTINGS — ORNAMENTAL GUTTERS

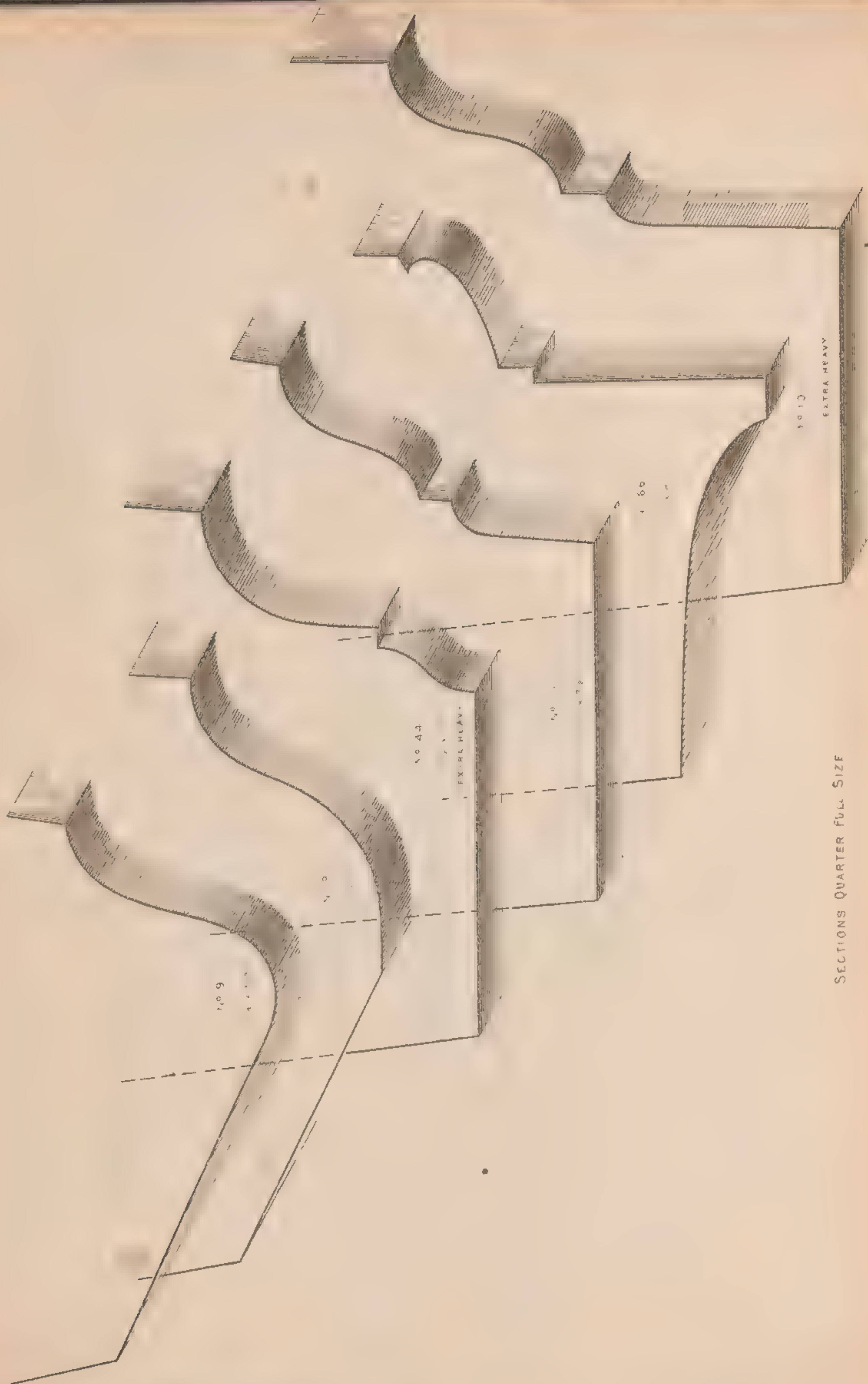


No. 63

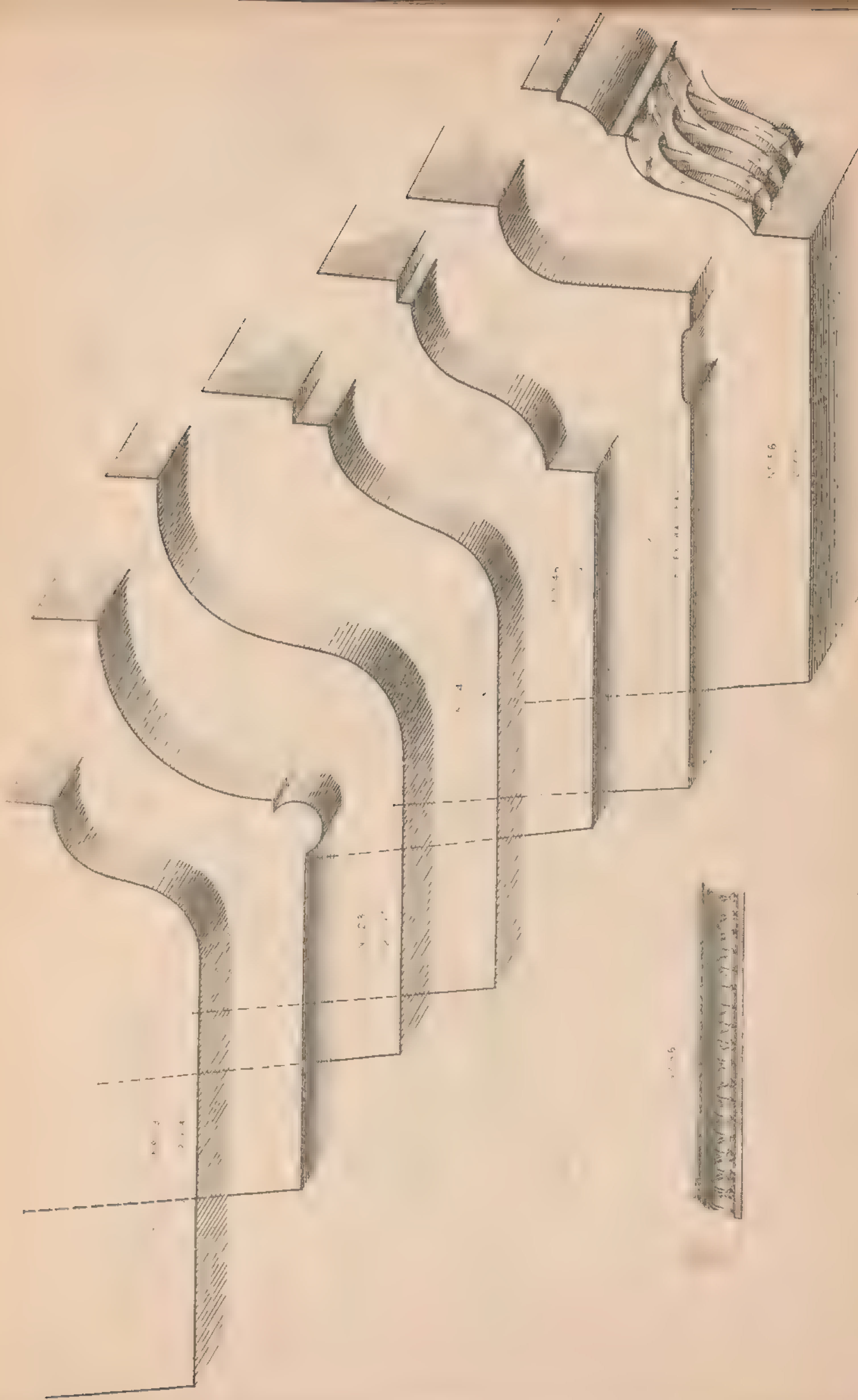


SECTIONS QUARTER FULL SIZE

MACARLANE'S PATENTS ORNAMENTAL GUTTERS

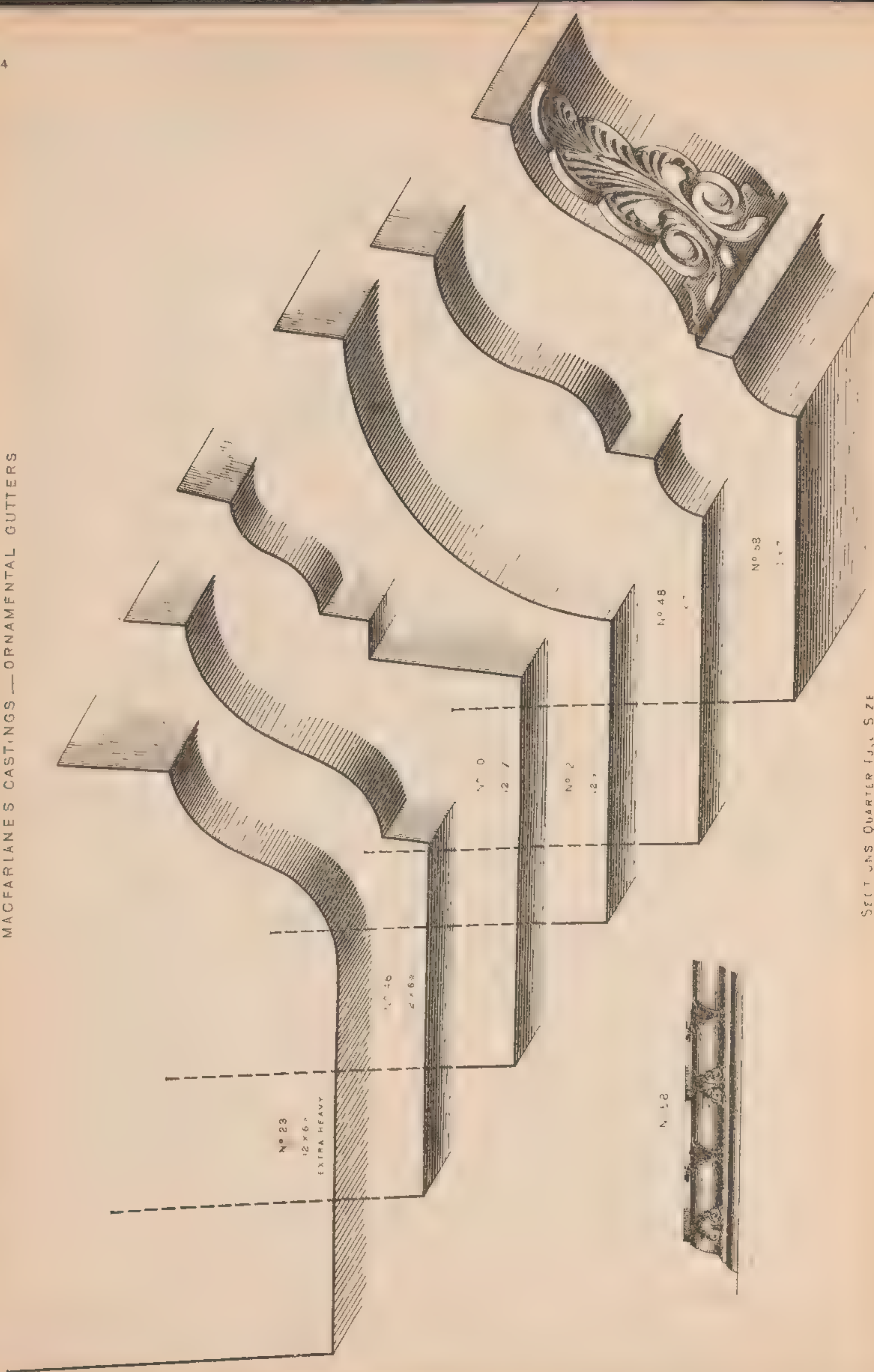


SECTIONS QUARTER FULL SIZE

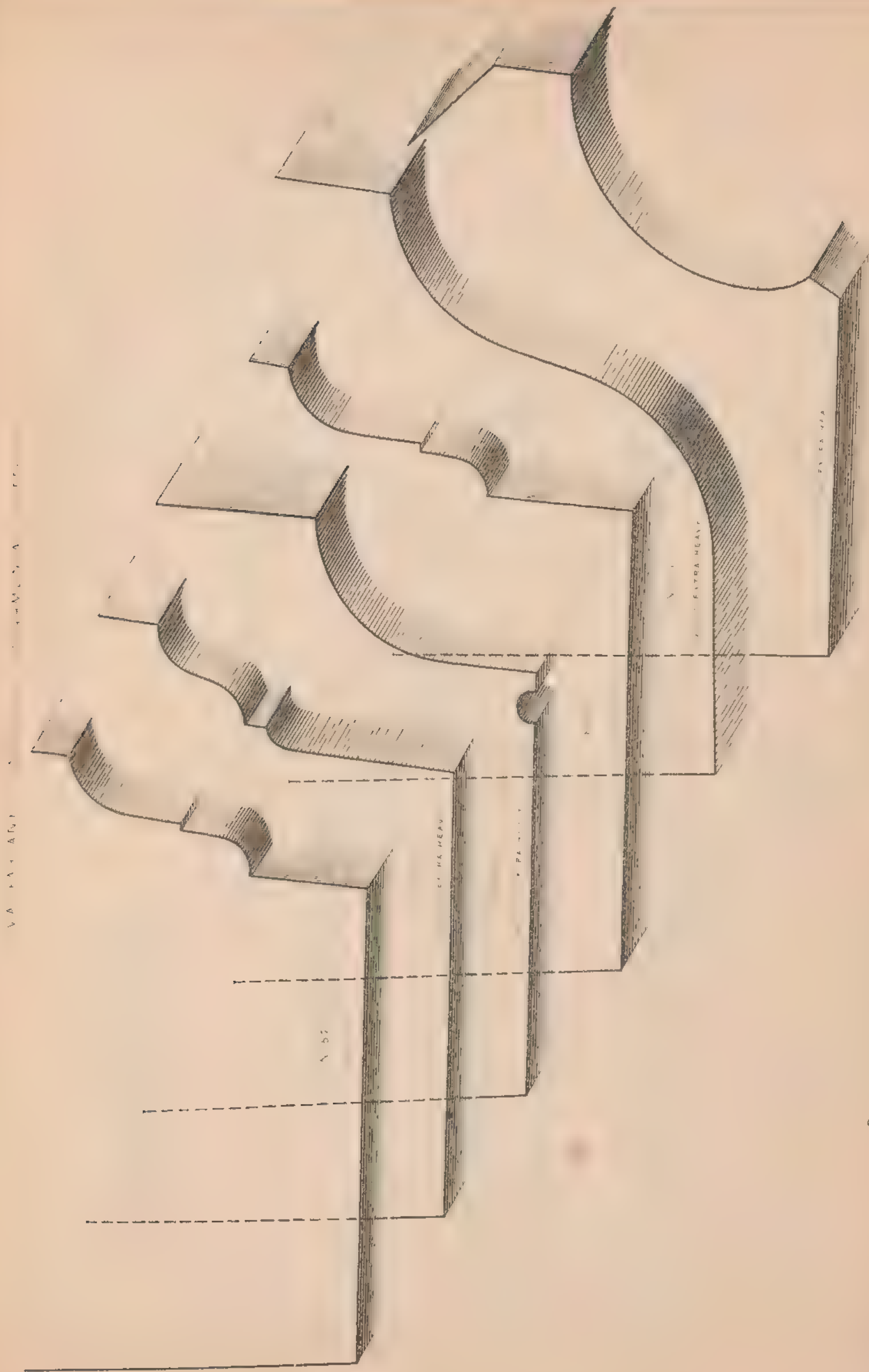


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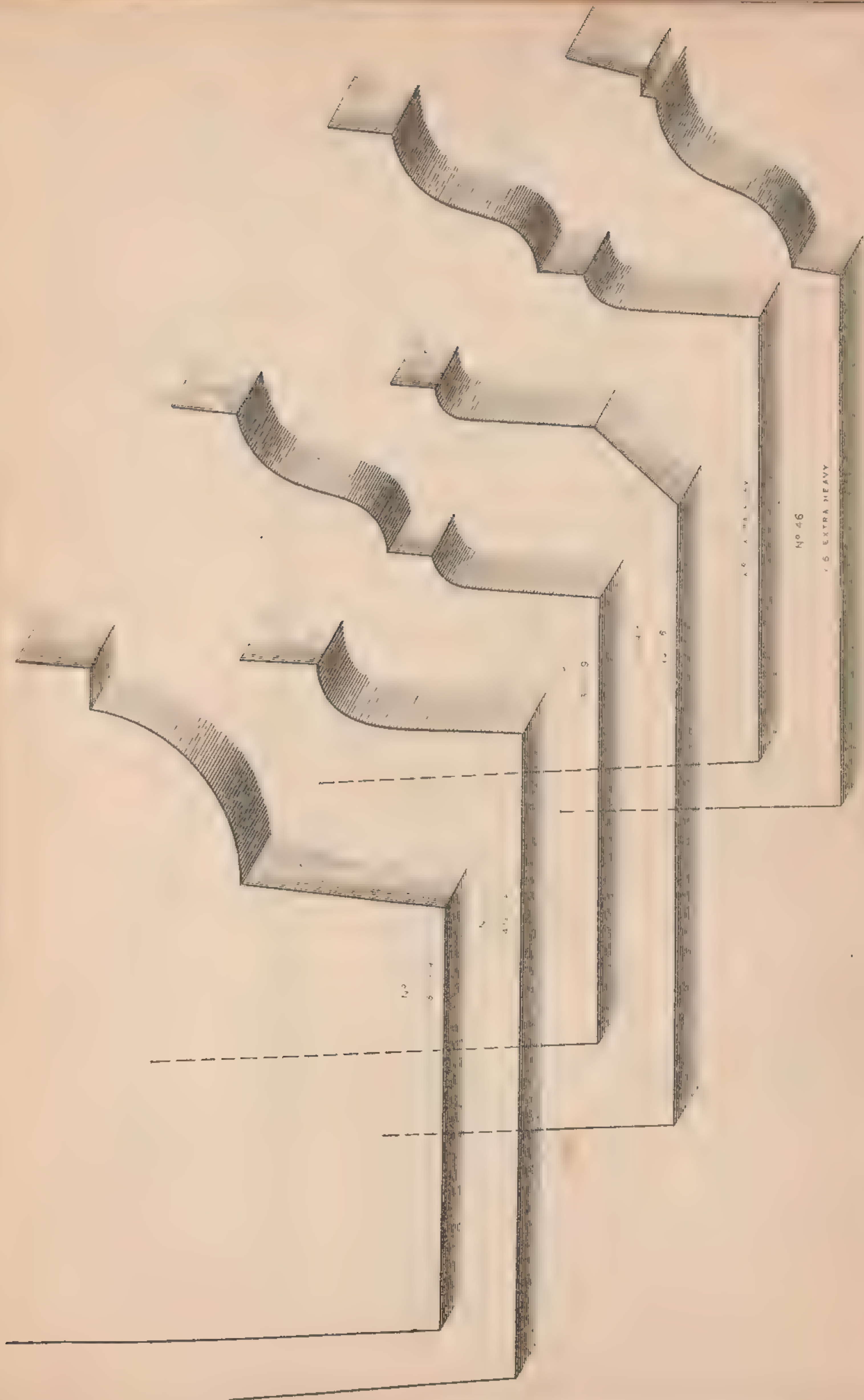
MACFARLANES CASTINGS — ORNAMENTAL GUTTERS



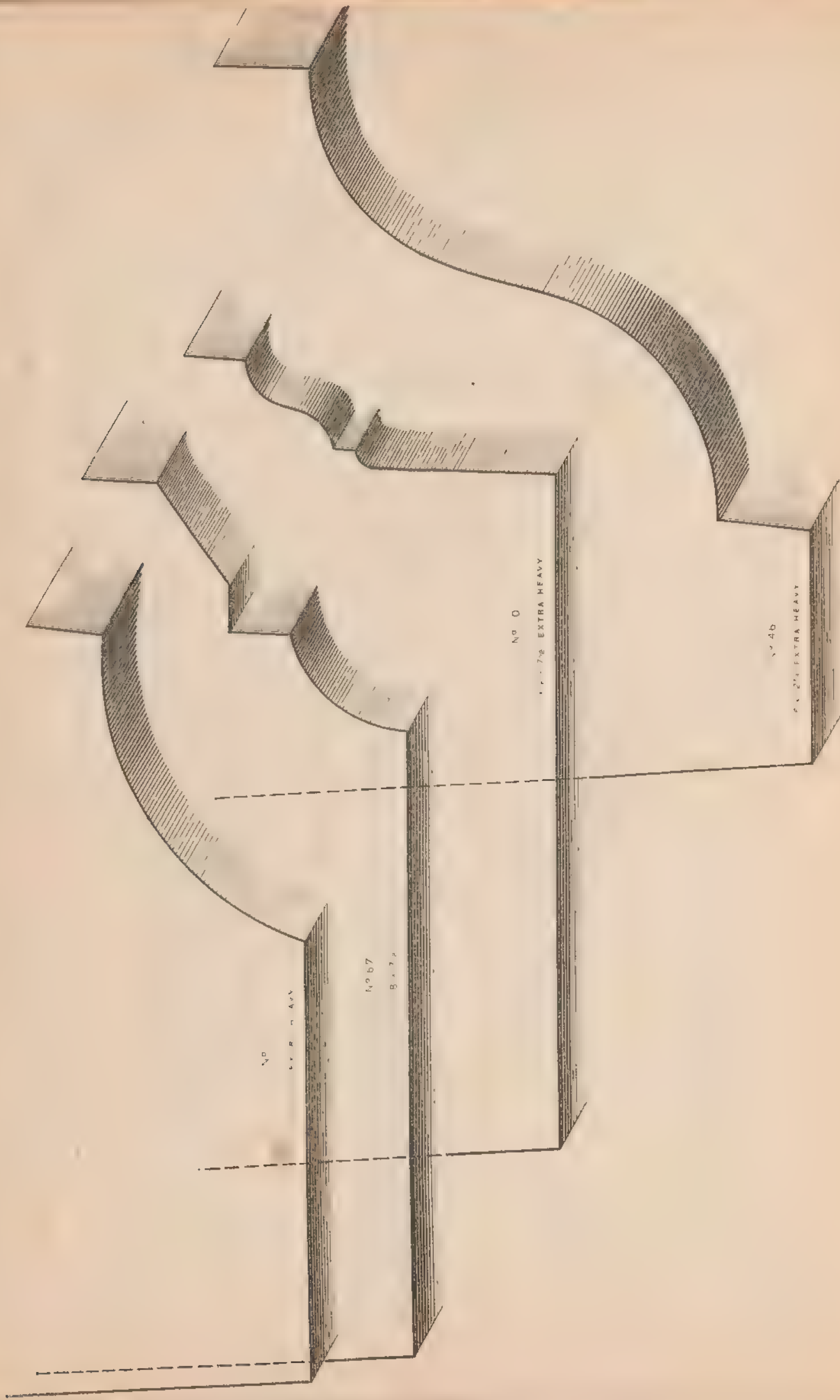
SECTION QUARTER FULL SIZE



SECTIONS QUARTER FULL SIZE

$$MA(\Gamma \Delta F, \Delta N, F), \Delta, N^C, \Gamma, \Delta N, F, F, \Gamma$$


See I No 248, 249, 250



MACFARLANE'S CASTINGS — CIRCULAR GUTTERS

With the view of providing Cornice Gutters for every size and form of building, we make the following Circular Gutters of any radius from the smallest turret to the largest building. They correspond with the same Nos. of our Straight Gutters, and the same Ornaments, Brackets, and Connections are suitable for both. Other Patterns to order.



SECTIONS QUARTER FULL SIZE

MACFARLANES CAST NOS CIRCULAR GUTTERS



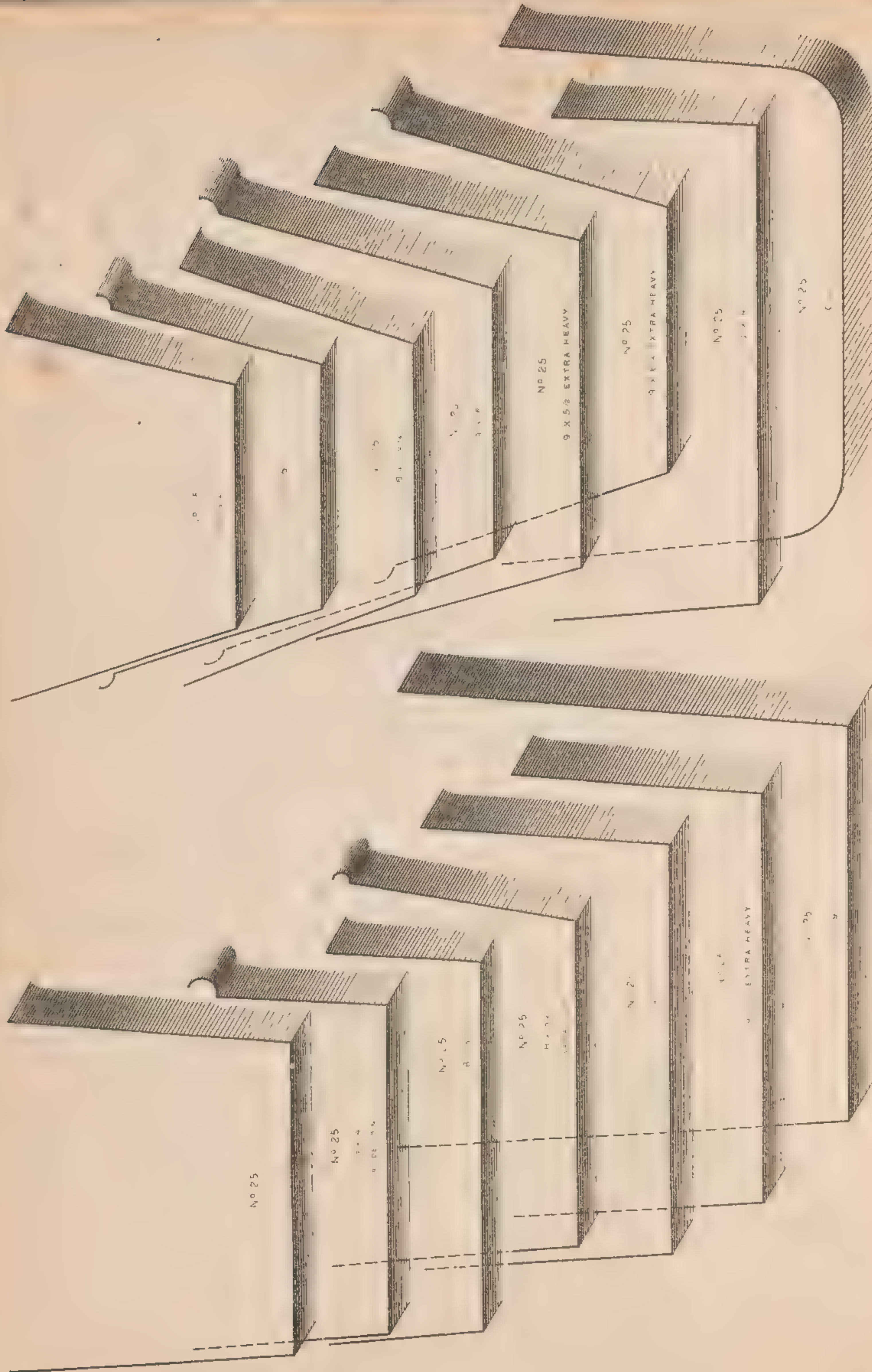
SECTIONS QUARTER SIZE

MACFARLANE CASTING BOUNDARY WALL GUTTERS

All our Boundary Wall Gutters have outside joints, unless otherwise stated on section

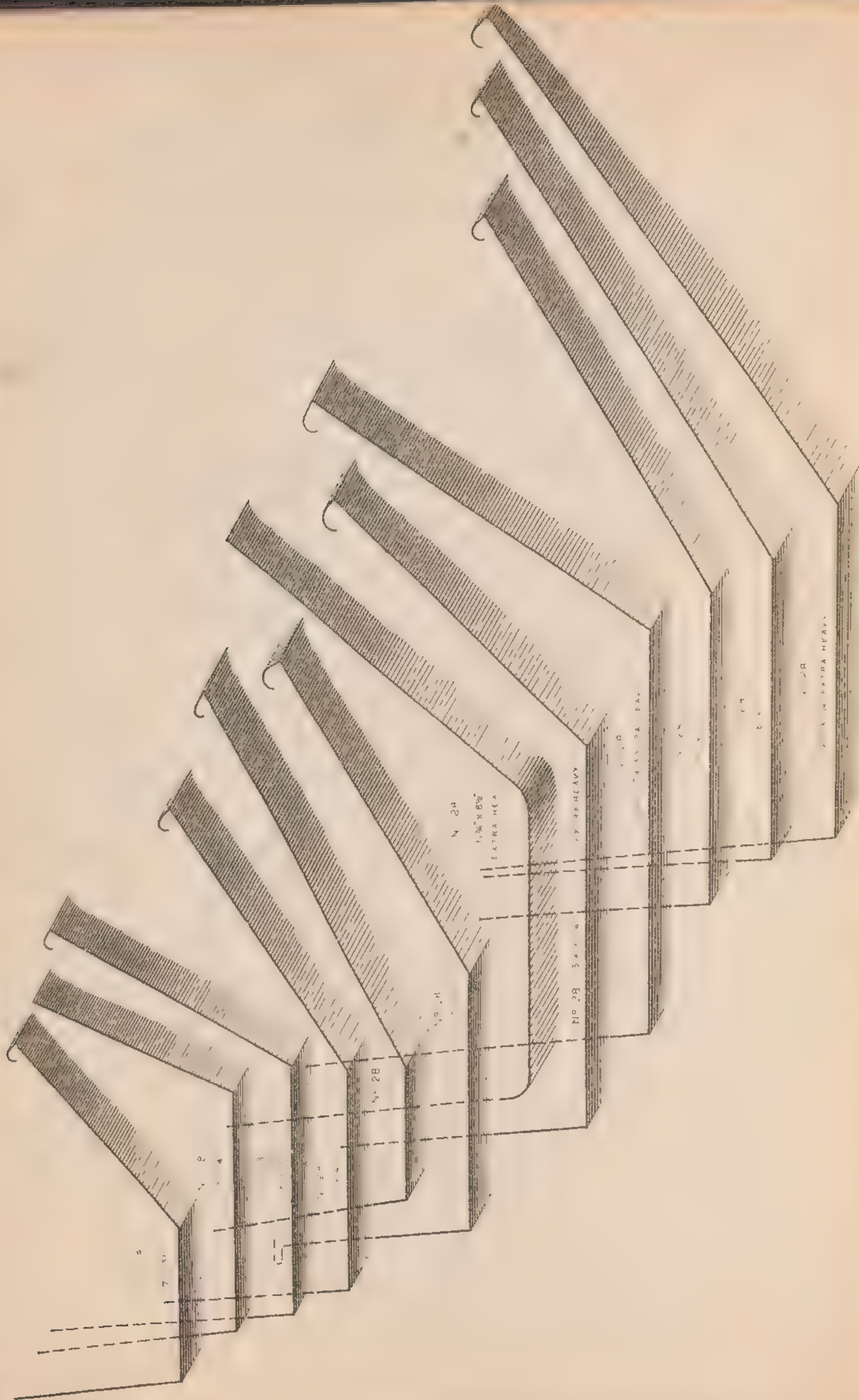


SECTIONS QUARTER FULL SIZE

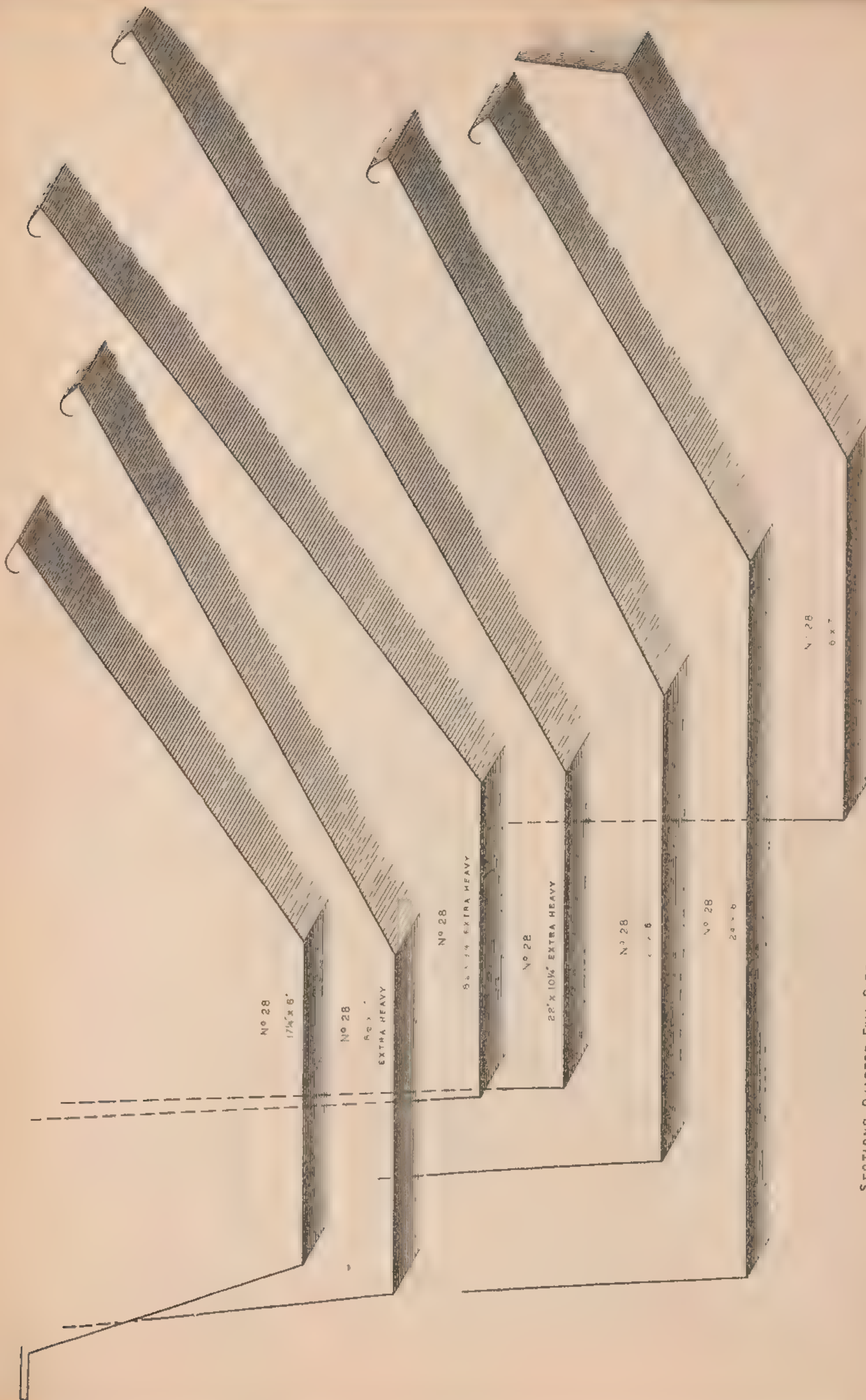


SECTIONS QUARTER FULL SIZE

MACFARLANES CASTINGS — BOUNDARY WALL GUTTERS



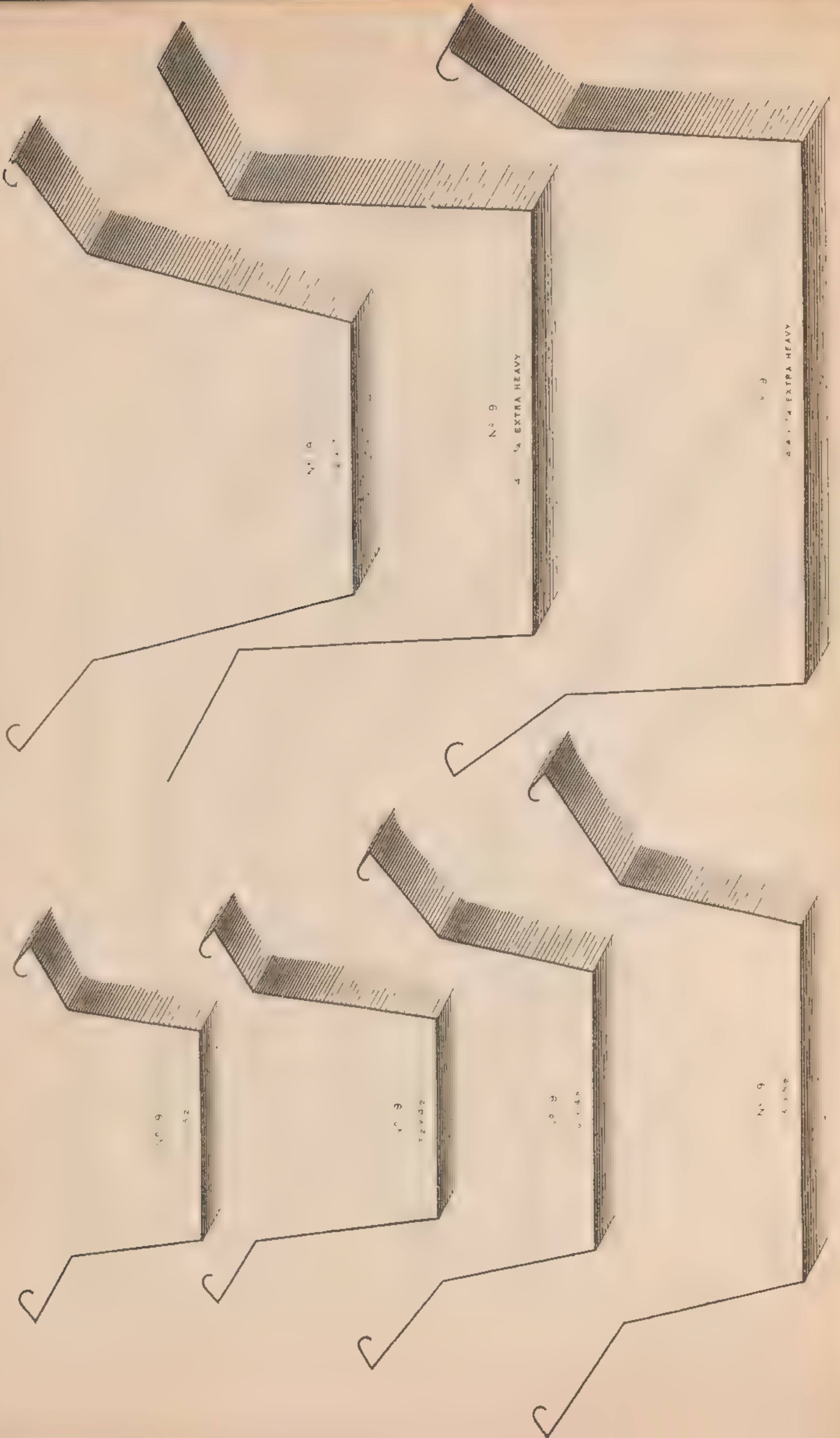
SECTIONS QUARTER FULL SIZE



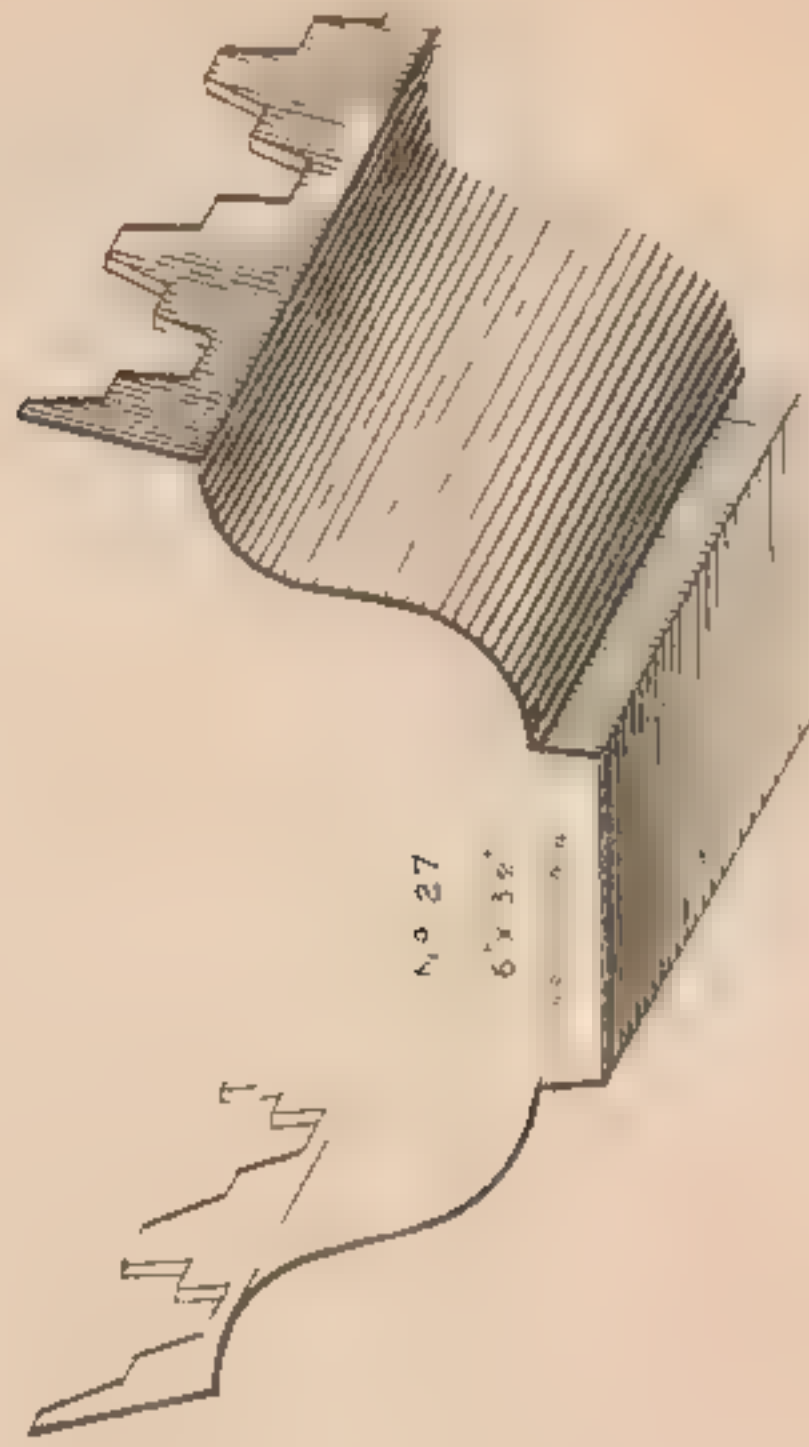
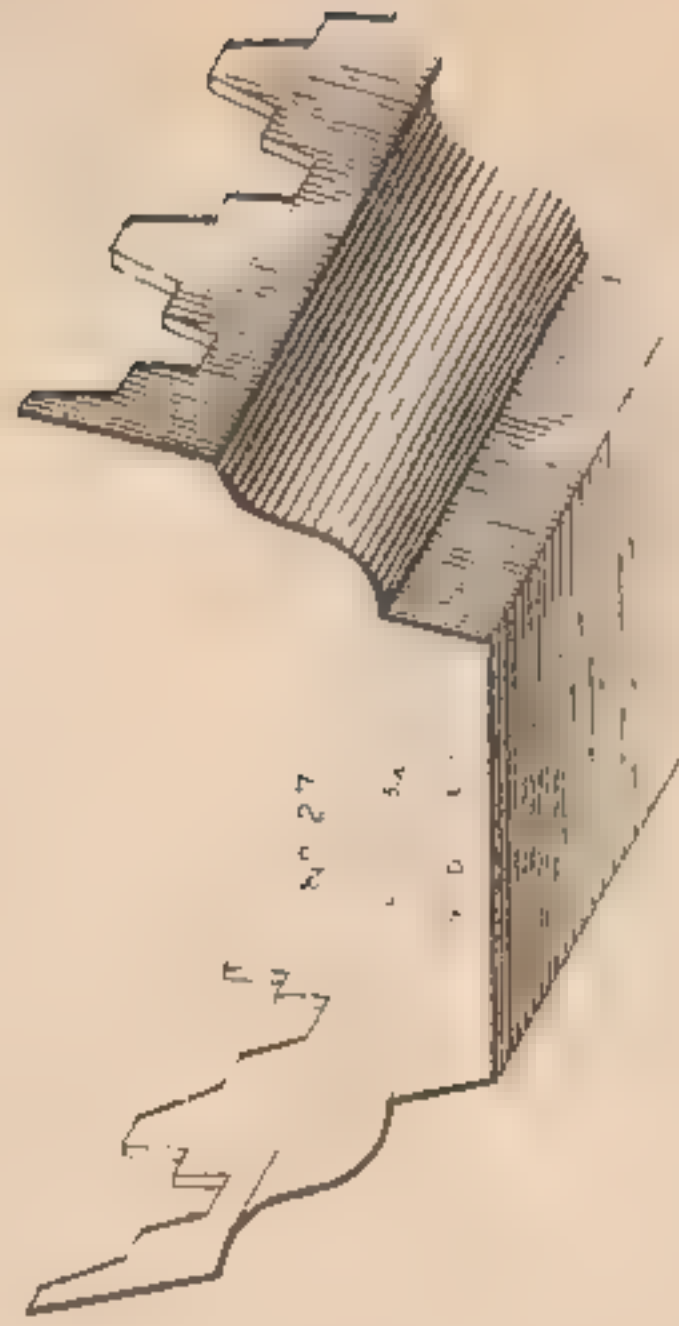
SECTIONS QUARTER FULL SIZE

MACFARLANE'S CASTINGS — VALLEY GUTTERS

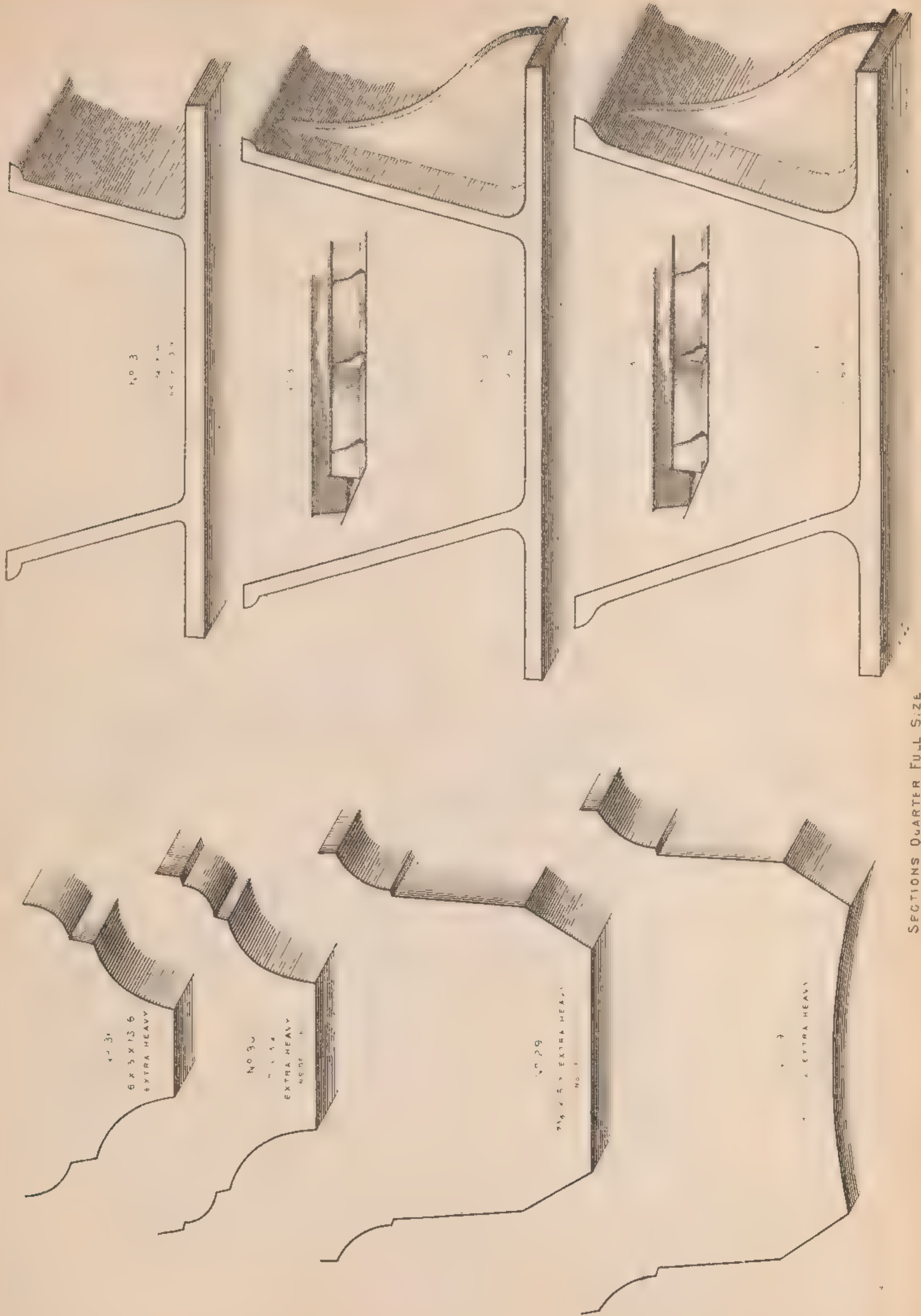
All our Valley Gutters have outside joints, unless otherwise stated on section.



SECTIONS QUARTER FULL SIZE

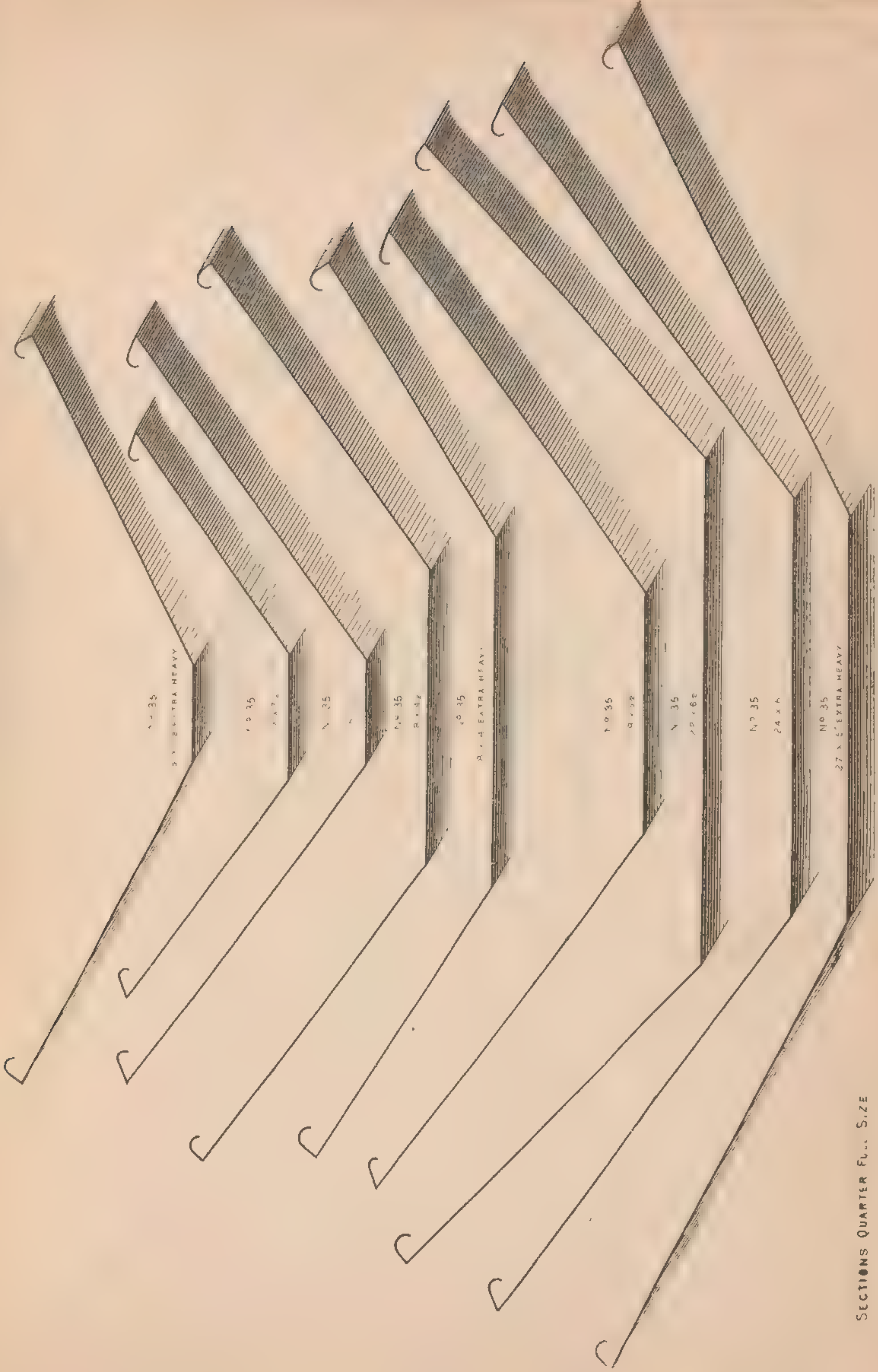


MACFARLANE'S CASTINGS VALLEY GUTTERS



SECTIONS QUARTER FULL SIZE

MACTAC 11, 5 CAST NOS VALLEY TITERS

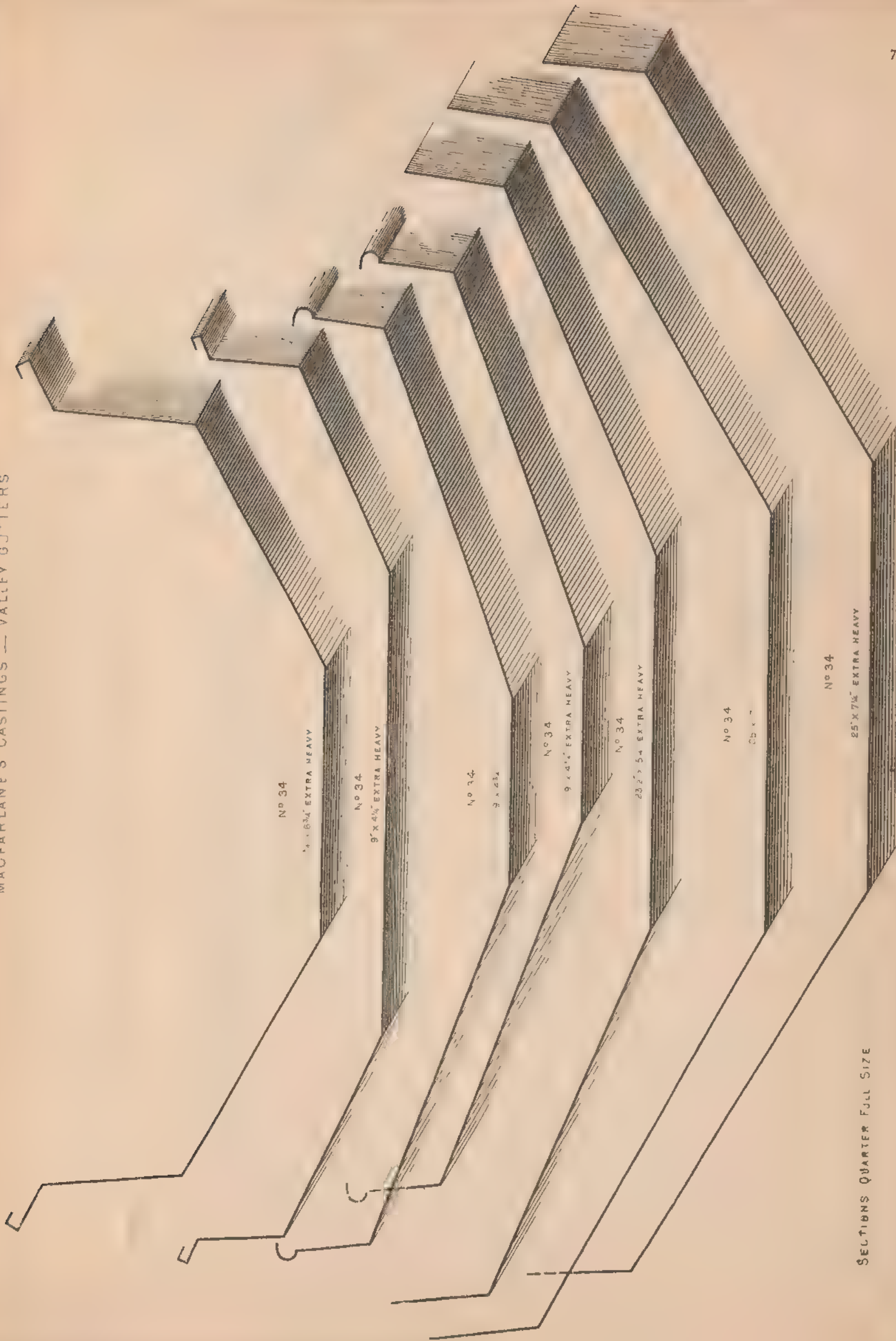


SECTIONS QUARTER FULL SIZE

MACFARLANE'S CASTINGS — VALLEY GUTTERS

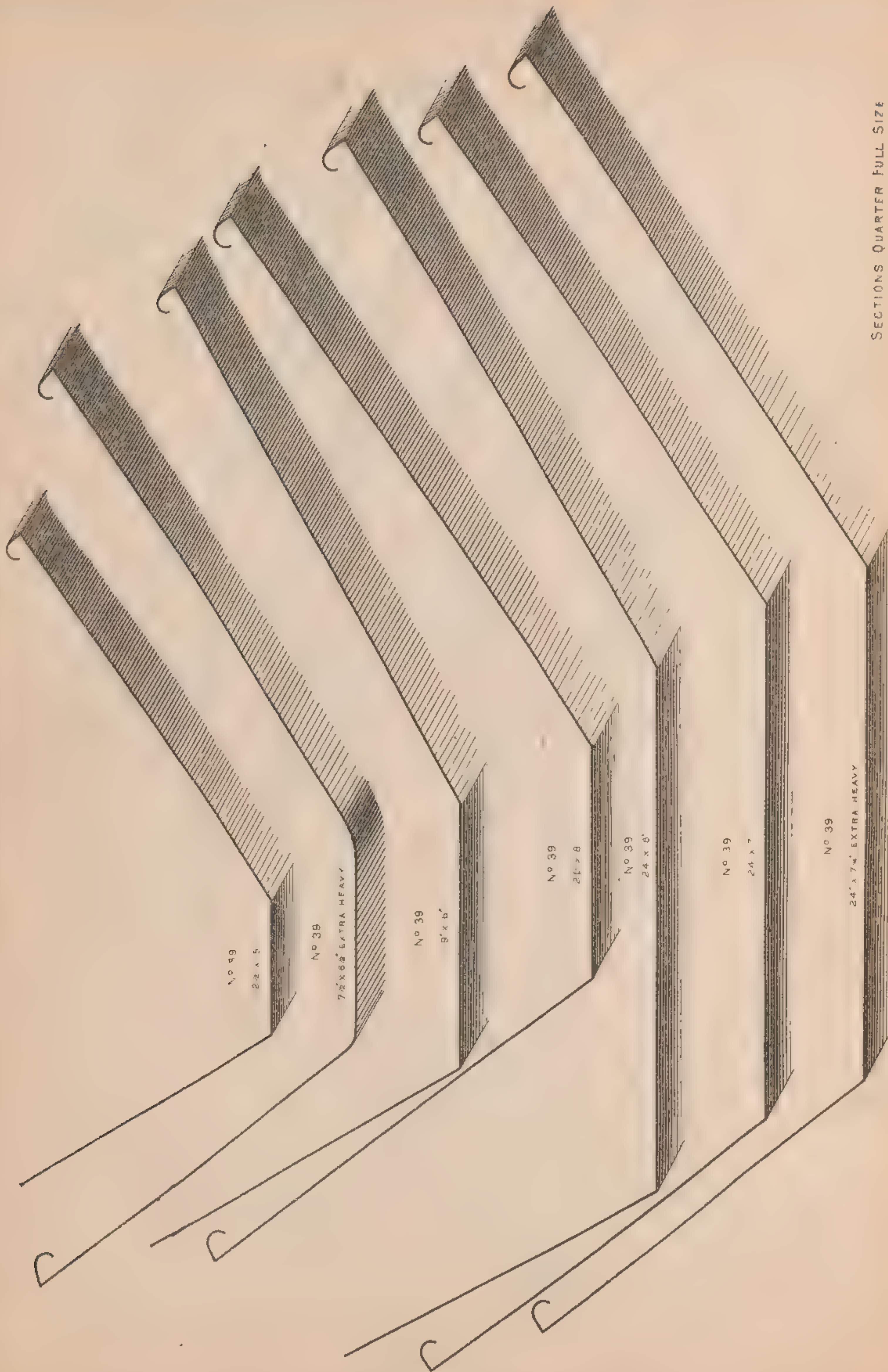


SECTIONS QUARTER FULL SIZE



SECTIONS QUARTER FULL SIZE

MA. R. A. N. F. , CAST NGS VALLEY G. . E. R. S.



SECTIONS QUARTER FULL SIZE

MACFARLANE'S CASTINGS — TAPERED VALLEY GUTTERS



SECTIONS QUARTER FULL SIZE

MACFARLANE'S CASTINGS — ORNAMENTAL GUTTER CONNECTIONS

For every pattern and size of Gutter in our Catalogue.

INTERNAL ANGLE



EXTERNAL ANGLE



OBTUSE INTERNAL ANGLE 45°



OBTUSE EXTERNAL ANGLE 45°



We make any pattern of Angle for every description of oriel window, and to any bevel to order

NOZZLE PIECE



DROP CAST ON BACK



DROP CAST ON CORNER



UNION CLIP



Our Nozzle Pieces have Discharge Drops on bottom. Drops on back or corner, as above. In order. In ordering, the size and No. of down pipe should always be stated

ORNAMENTAL SPIGOT STOP



ORNAMENTAL FAUCET STOP



ORNAMENTAL REVERSE STOP



PLAIN SPIGOT STOP



PLAIN FAUCET STOP



PLAIN REVERSE STOP



Every separate stretch of Gutter should have Ornamental Stops, they add so much to the finished appearance of the gutter cornice. Reverse Stops are only used when the gutters are cut and have no spigot

MACFARLANE'S GUTTER ORNAMENTS

NO 4 ANTEFIXE FOR INTERNAL ANGLE



NO 5 ANTEFIXE



3 1/2", 5" AND 8 1/2"

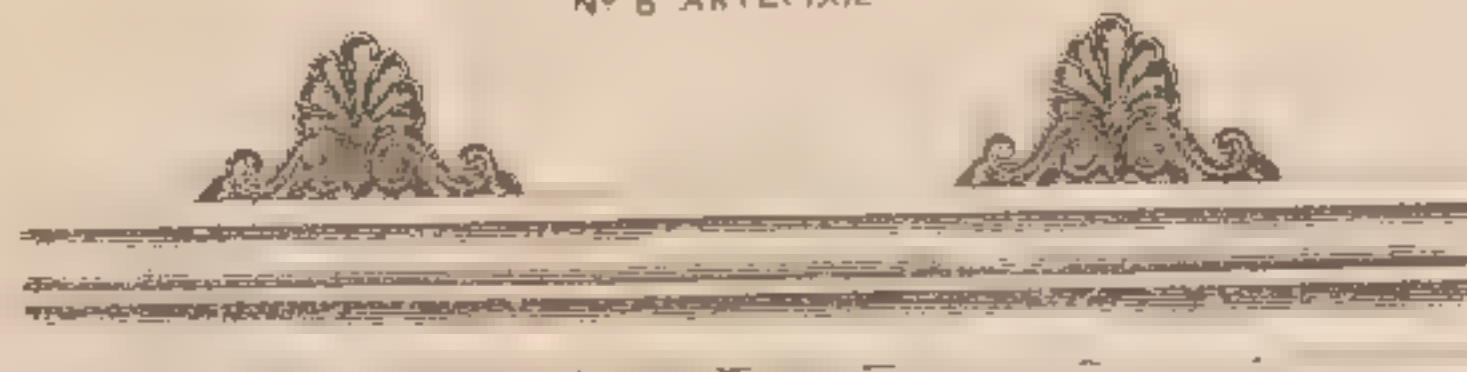
NO 5 ANTEFIXE FOR EXTERNAL ANGLE



NO 6 ANTEFIXE FOR INTERNAL ANGLE



NO 6 ANTEFIXE



5 1/4", 7 1/2" AND 10"

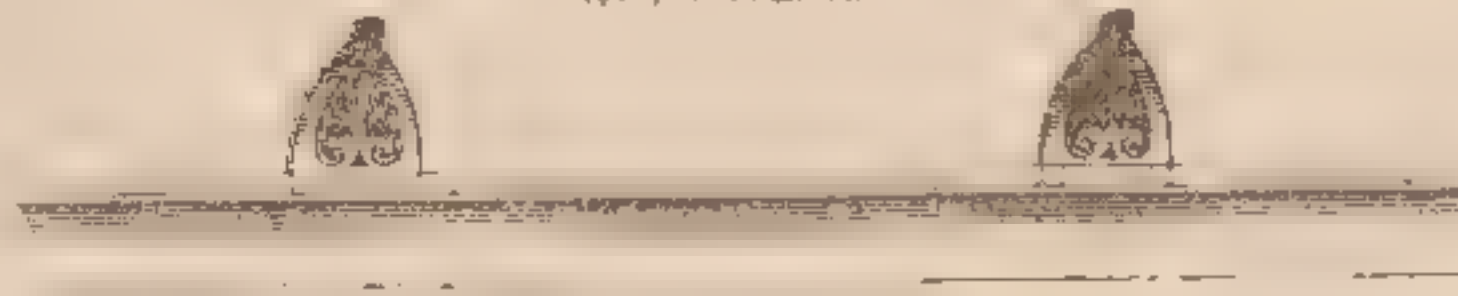
NO 6 ANTEFIXE FOR EXTERNAL ANGLE



NO 7 ANTEFIXE FOR INTERNAL ANGLE



NO 7 ANTEFIXE

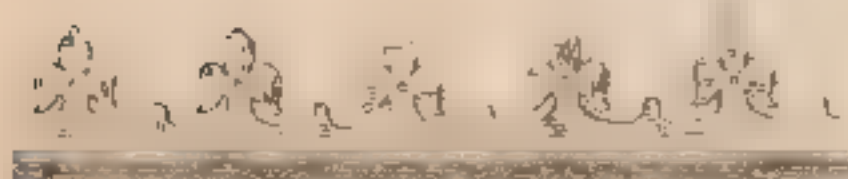


NO 7 ANTEFIXE FOR EXTERNAL ANGLE



7

NO 2 CRESTING



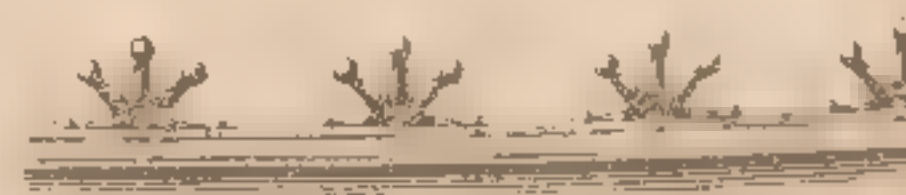
5 3/4"

NO 86 CRESTING



5"

NO 183 CRESTING



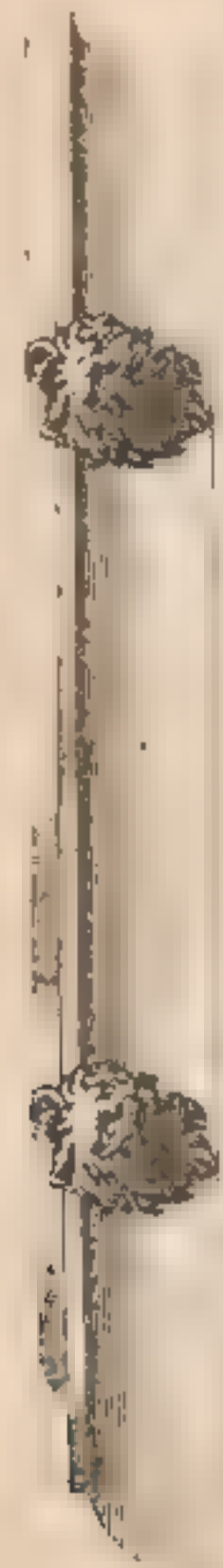
5 1/2"

For other designs suitable for Gutter Ornaments and Cresting see Section IV. Terminals and Section V. Railings. Also Examples at end of Catalogue.

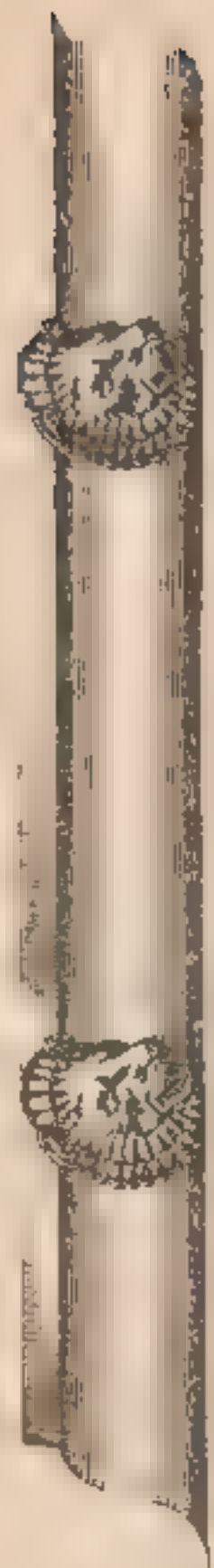
MACFARLANE'S CASTINGS — GUTTER ORNAMENTS

These can be attached to any of our Gutters, as shown in the following illustration, the distance between the Ornaments being about 3 feet

NO 1 ON. HEAD



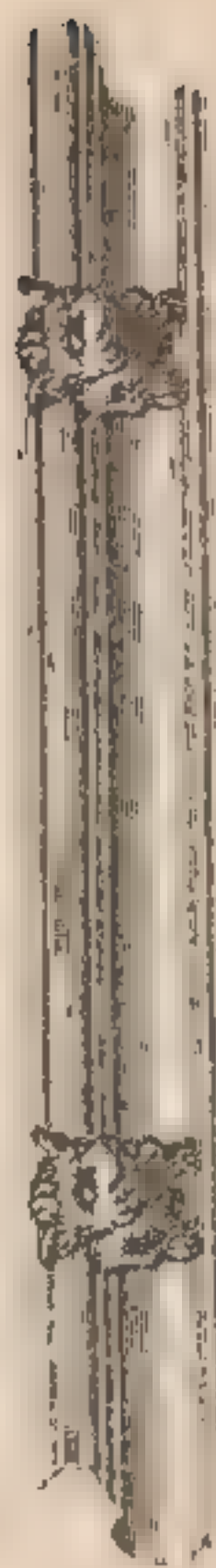
NO 2 PANTHER'S HEAD



NO 3 MAN'S HEAD



NO 4 GARGOYLE



5"

6"

QUARTER FULL SIZE

6"

5"

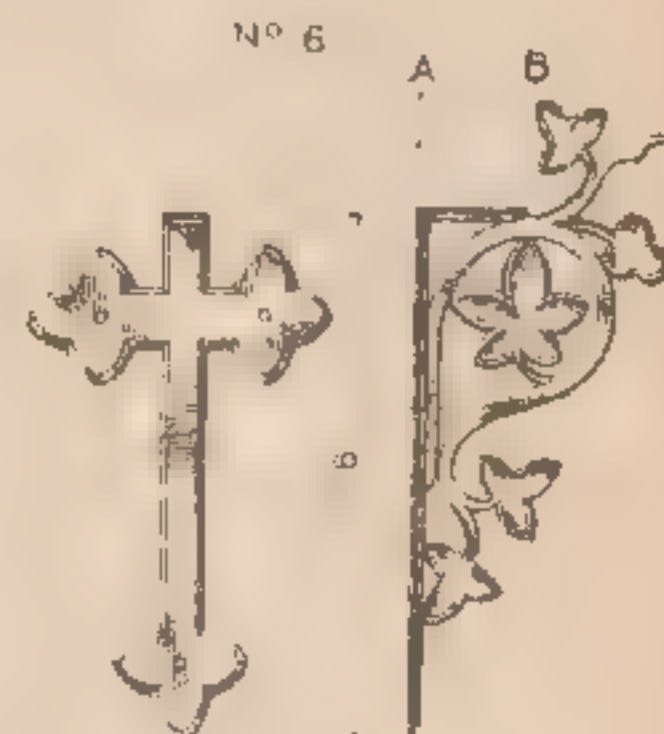
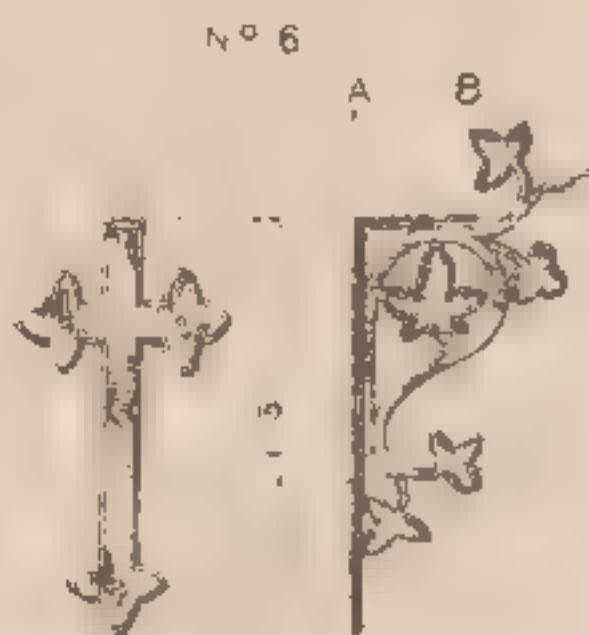
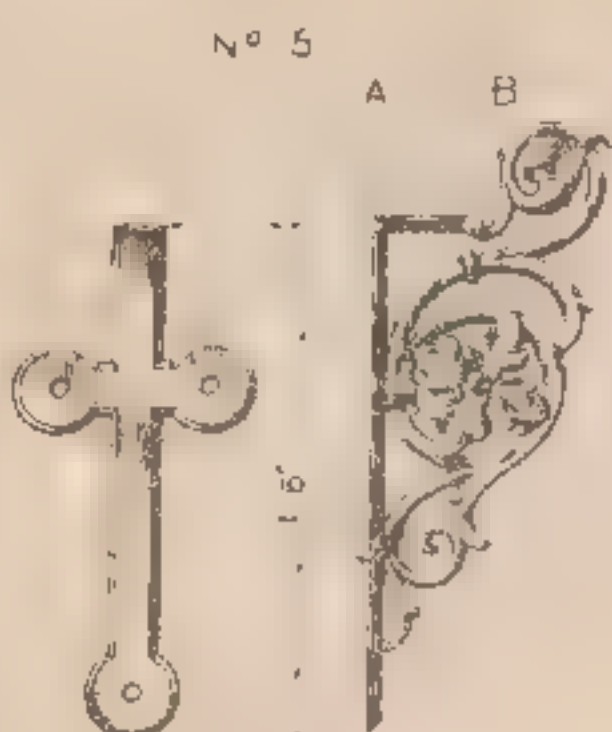
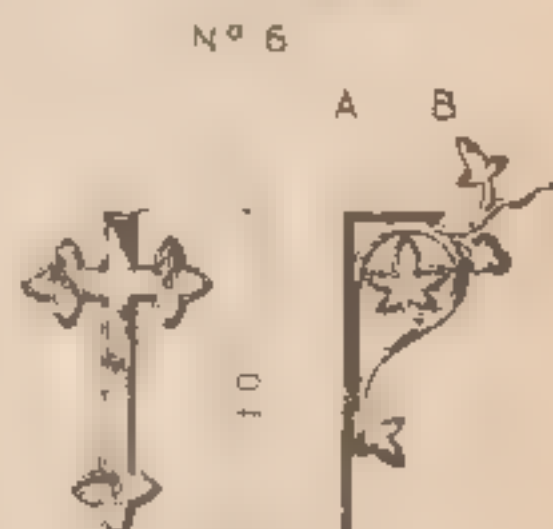
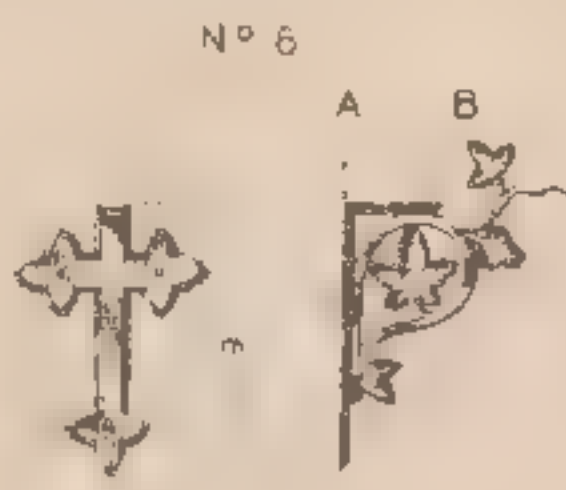
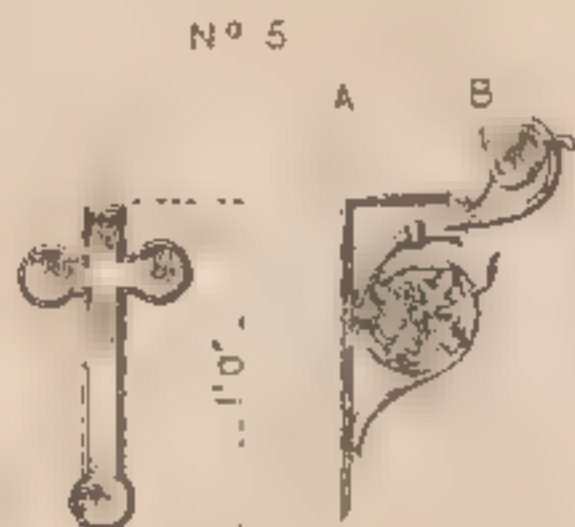
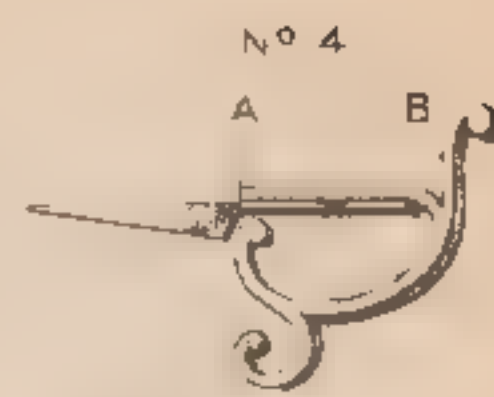
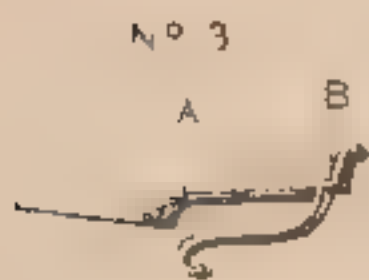
4"

MACFARLANE'S CASTINGS — ORNAMENTAL GUTTER BRACKETS

We make these any size between A and B from $2\frac{1}{4}$ to 8 inches, thus suiting every pattern and size of Gutter in our Catalogue.

In ordering state the No. and size of Gutter to which the Bracket is to be attached.

Instructions for fitting up Nos. 3 and 4 Gutter Brackets:— The spike or holdfast portion being made of wrought iron, is first driven into the wall, which may be either stone, brick, or wood, and the cast-iron portion of the Bracket is then attached to it by means of the screw. The spike or holdfast can also be made for battng, or to suit any conformation of wall *to order*. The other Patterns, are attached to wall by ordinary spikes.



MACFARLANE'S DROP GRATES

NO 1 ROUND



NO 2 SQUARE

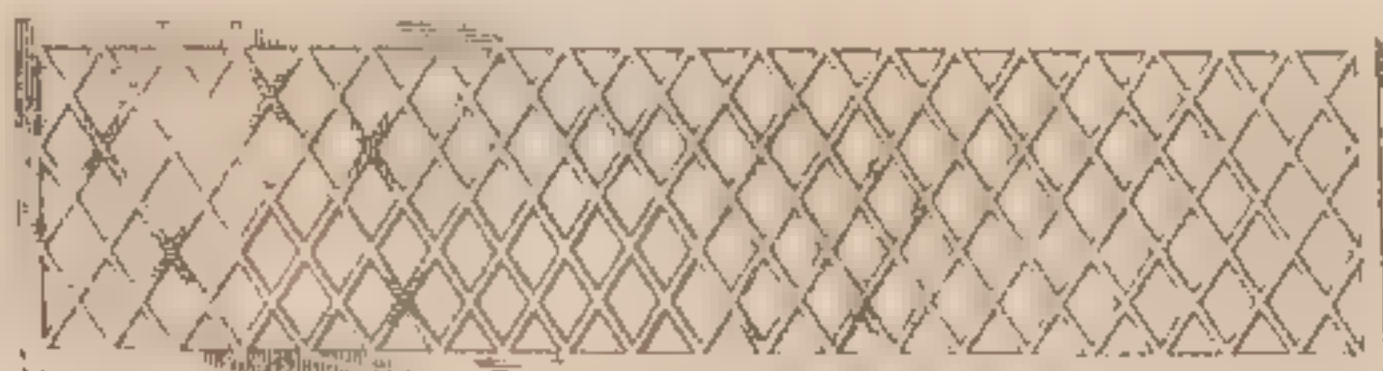


NO 3 SEM CIRCULAR



We make No. 1—2", 2 $\frac{1}{4}$ ", 2 $\frac{1}{2}$ ", 2 $\frac{3}{4}$ ", 3", 3 $\frac{1}{4}$ ", 3 $\frac{1}{2}$ ", 3 $\frac{3}{4}$ ", 4", 4 $\frac{1}{4}$ ", 4 $\frac{1}{2}$ ", 4 $\frac{3}{4}$ ", 5", 5 $\frac{1}{4}$ ", 5 $\frac{1}{2}$ ", 5 $\frac{3}{4}$ " and 6" outside diameter and Nos. 2 and 3 suit every size of Gutter Drop. This essential requisite should be placed over every discharge drop to prevent flooding the Gutters. It is fixed by firmly embedding the lower end which is slightly tapered into the drop pipe of Gutter.

SNOW GRATE



6", 7", 8", 9", 10", 11", 12", 13", 14", 15" AND 16" BROAD

The Snow Grate prevents the Gutter from getting choked up with snow and thereby causing the water to overflow and damage the building. The Castings are joined into one continuous grating by dovetail joints.

Application of Gutters and Roof Ironwork to Buildings.

Nº II

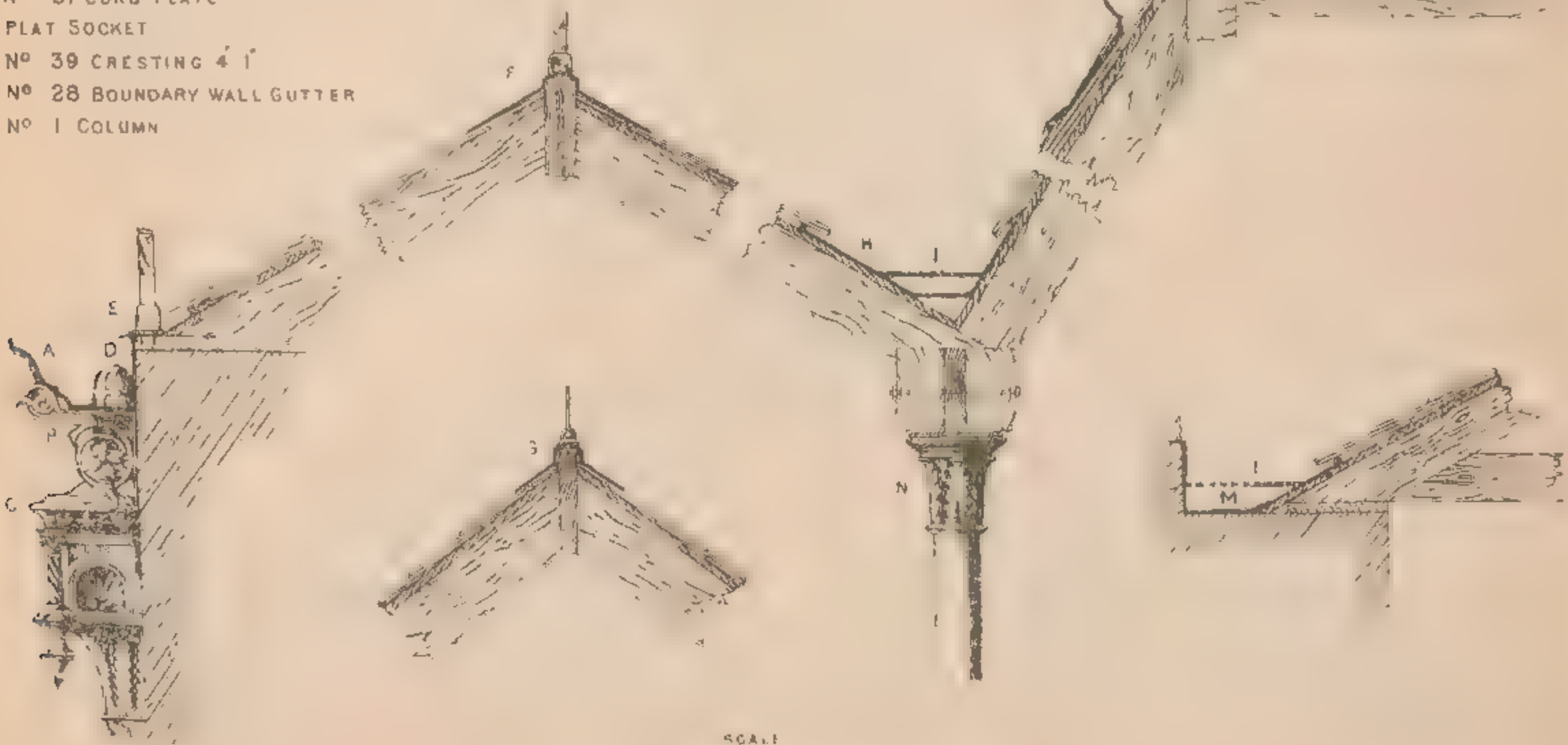
SECTION OF GUTTER CORNICE



- A Nº 64. ORNAMENTAL GUTTER 12½" x 8"
- B Nº 6-18" GUTTER BRACKETS
- C Nº 232 CRESTING 1' 11"
- D Nº 104 RAILING STANDARD 3' 1"
- E Nº 16 PIPE 5" x 3½"
- F Nº 70 HEAD
- G Nº 25 EARS
- H EAVE SOCKET

- A Nº 58 ORNAMENTAL GUTTER 12 x 7"
- B Nº 5-15 GUTTER BRACKET
- C Nº 20 PIPE HEAD
- D DROP GRATE
- E PLAT SOCKET
- F RIDGE PLATE WITH SOCKET
- G RIDGE PLATE WITH DOVETA I
- H Nº 39 GUTTER 19 x 6"
- I SNOW GRATE
- J Nº 31 CURB PLATE
- K PLAT SOCKET
- L Nº 39 CRESTING 4' 1"
- M Nº 28 BOUNDARY WALL GUTTER
- N Nº 1 COLUMN

Nº III



SCALE

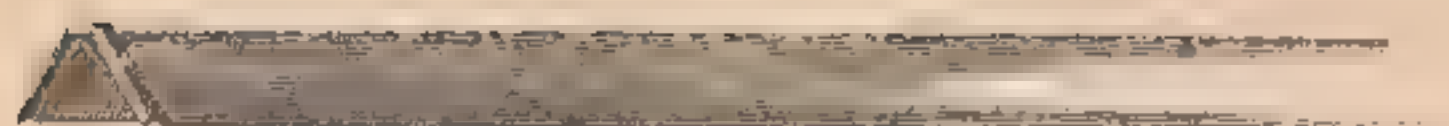
2

1

4 FEET

MACFARLANE'S CASTINGS — RIDGE PLATES

No 1



4" x 5

No 2



8 x 8

No 3



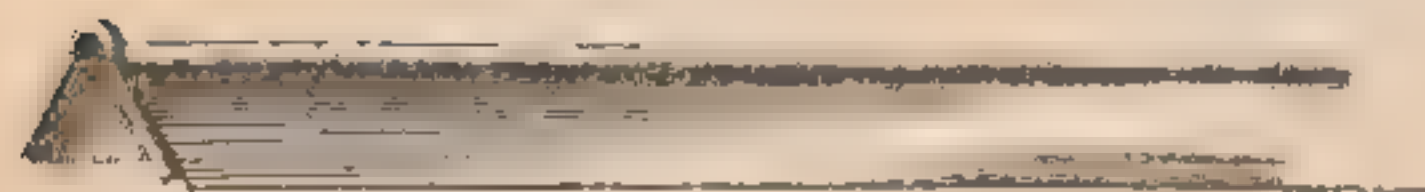
x

No 9



0 x 0"

No 10



6" x 8" AND 8" x 8"

No 11



8 x 8

No 22



8 x 8" AND 15" x 15"

No 26



6" x 15"

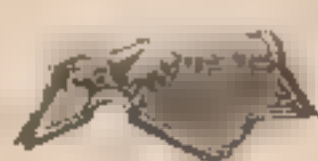
LEFT HAND ANGLE



RIGHT HAND ANGLE



LEFT HAND PAVILION ANGLE



RIGHT HAND PAVILION ANGLE



CROSS



LEFT HAND T



RIGHT HAND T



PAVILION APEX

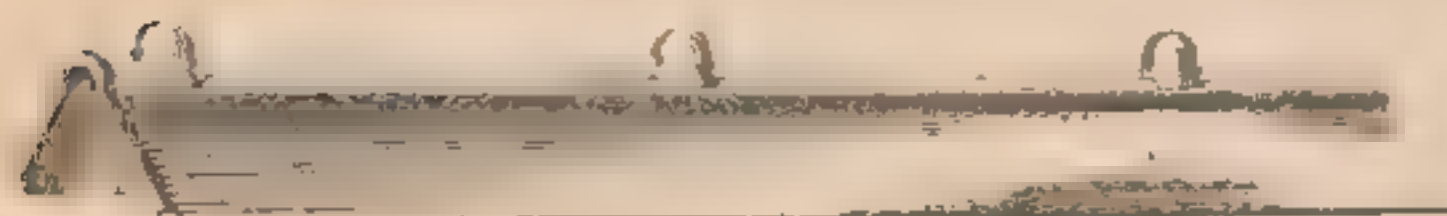


No 26 TURRET CAP

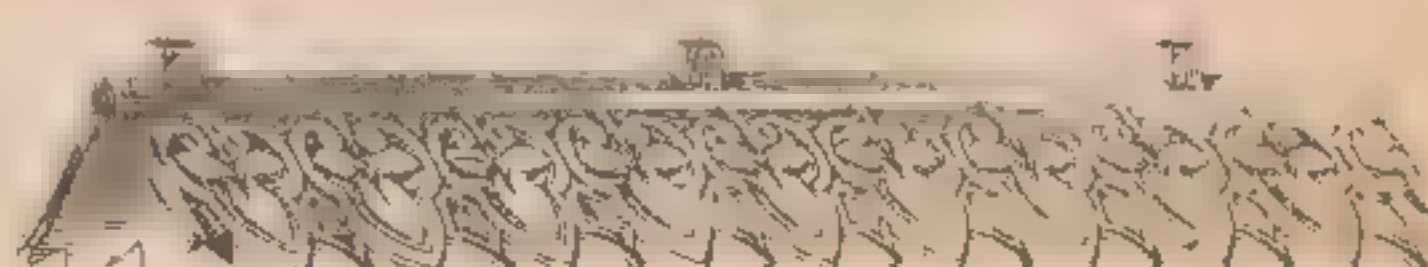


Connections as above for any pattern, size or pitch of Ridge Plate in our Catalogue

WITH DOVETAILS FOR CRESTING



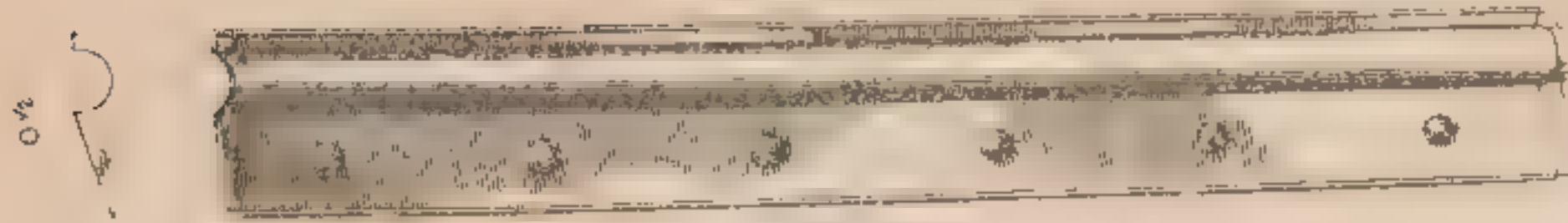
WITH SOCKETS FOR CRESTING



We can supply our Ridge Plates and Connections with Dovetails or Sockets cast on to receive any of our Patterns of Cresting
For loose Ridge, Plat and Eave Sockets see page 288.

MACFARLANE'S CASTINGS — CURB AND HIP PLATES

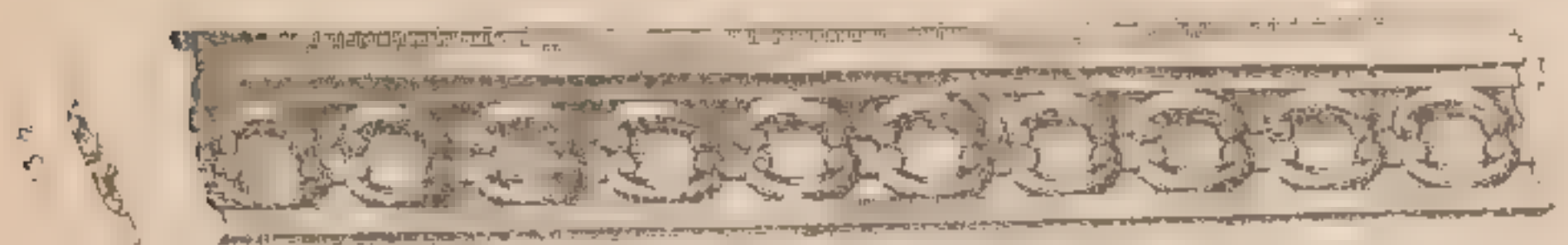
Nº 30 CURB PLATE



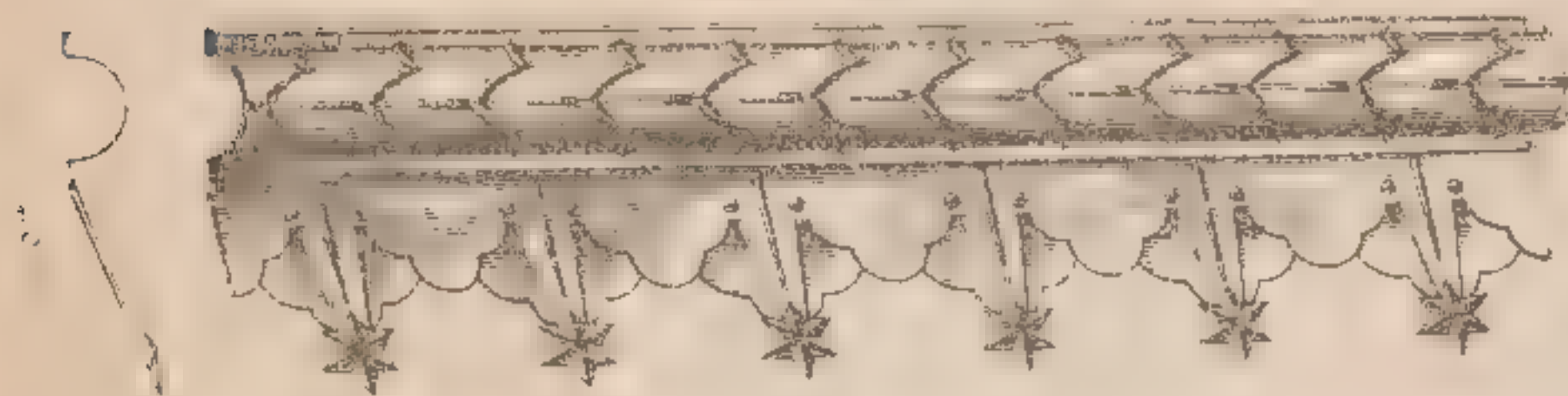
Nº 31 CURB PLATE



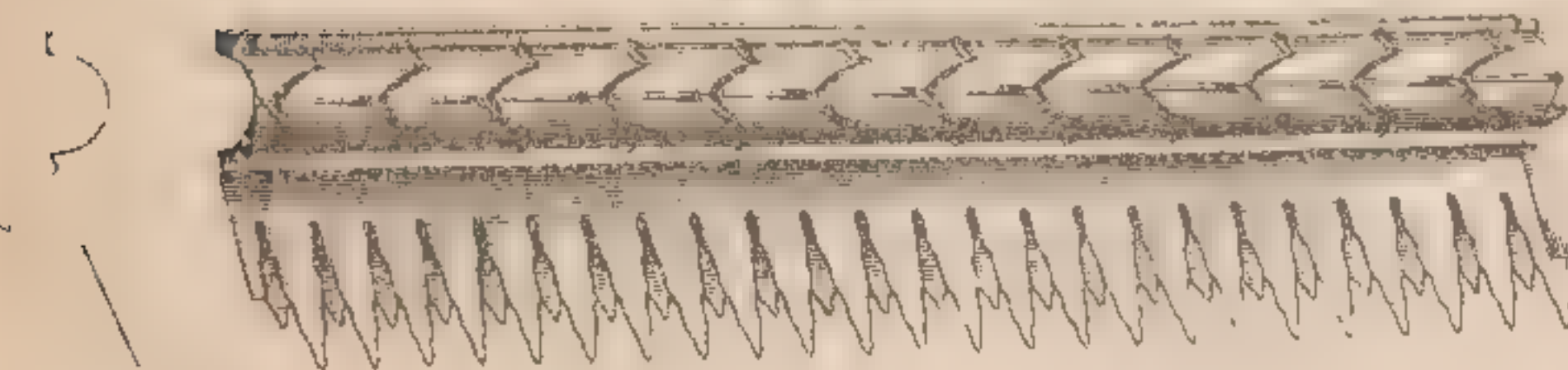
Nº 32 CURB PLATE



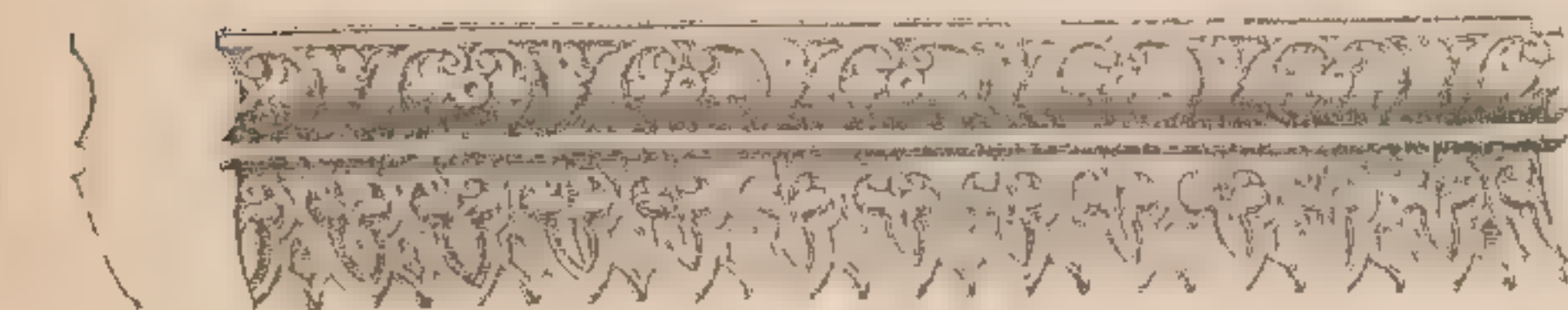
Nº 33 CURB PLATE



Nº 34 CURB PLATE



Nº 35 CURB PLATE



Nº 1 CORNER SHIELD



Nº 1 CROCKET



6", 8", 10", AND 12"

Nº 2 CROCKET

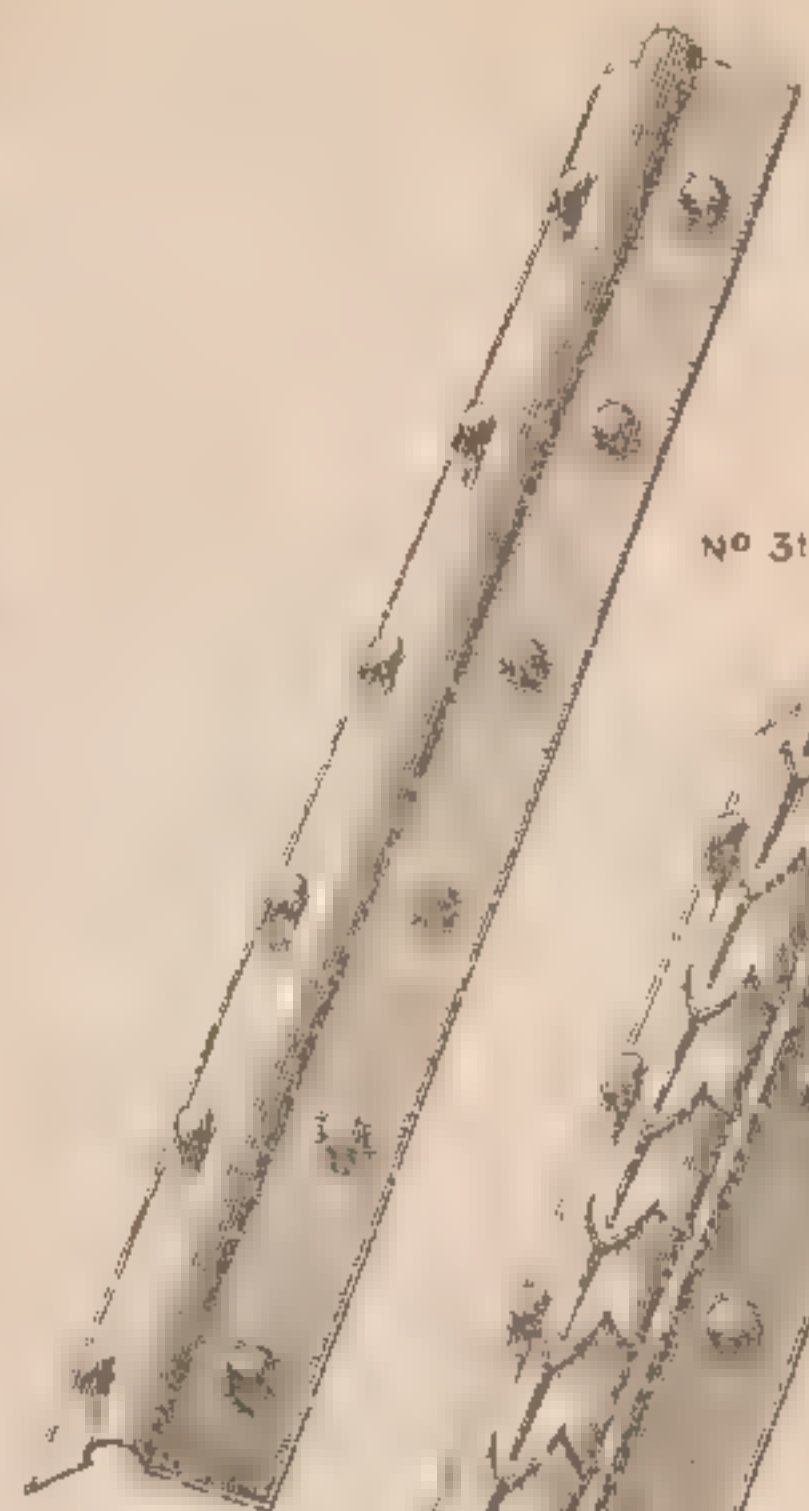


9"

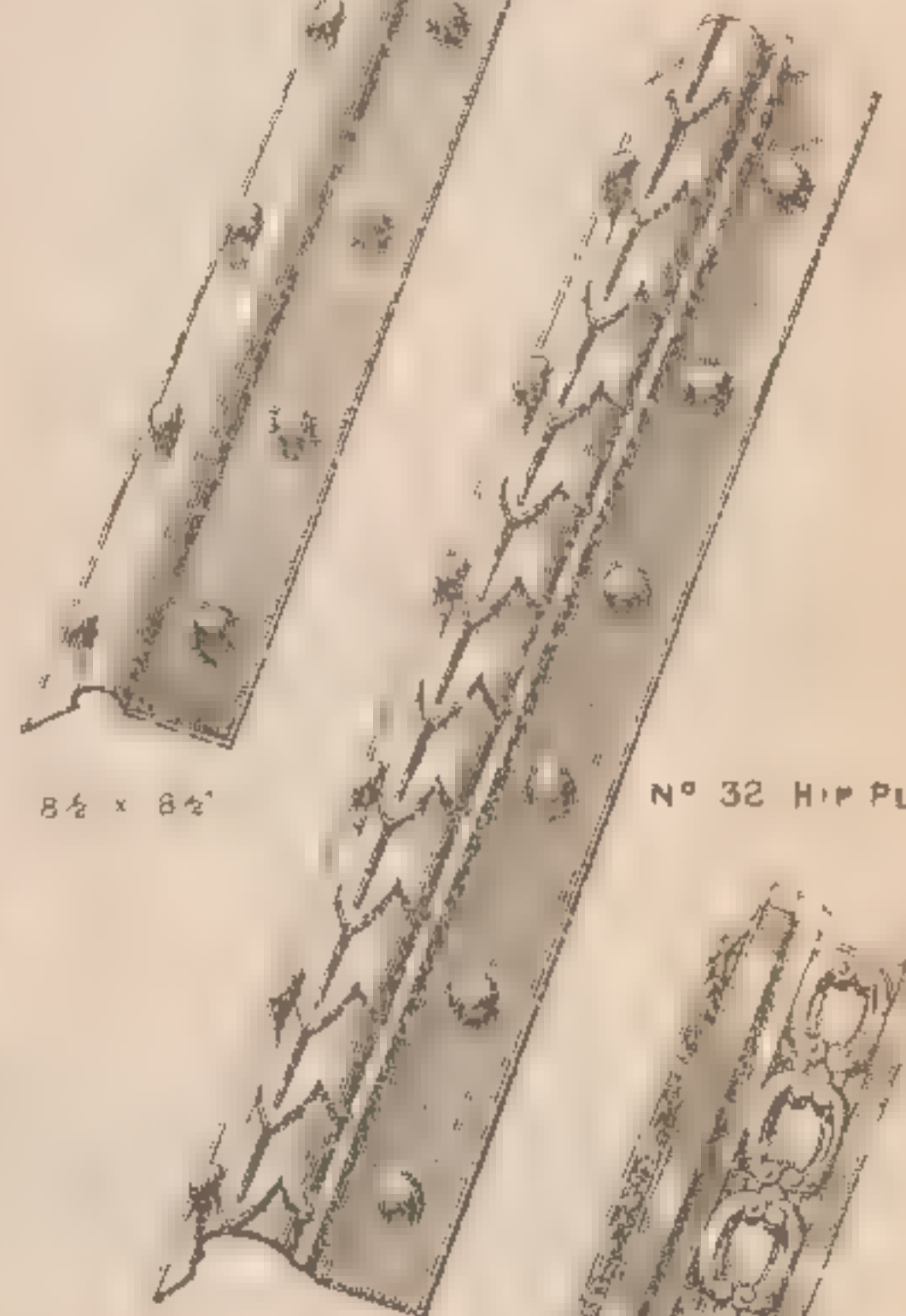
Nº 1 CROCKET



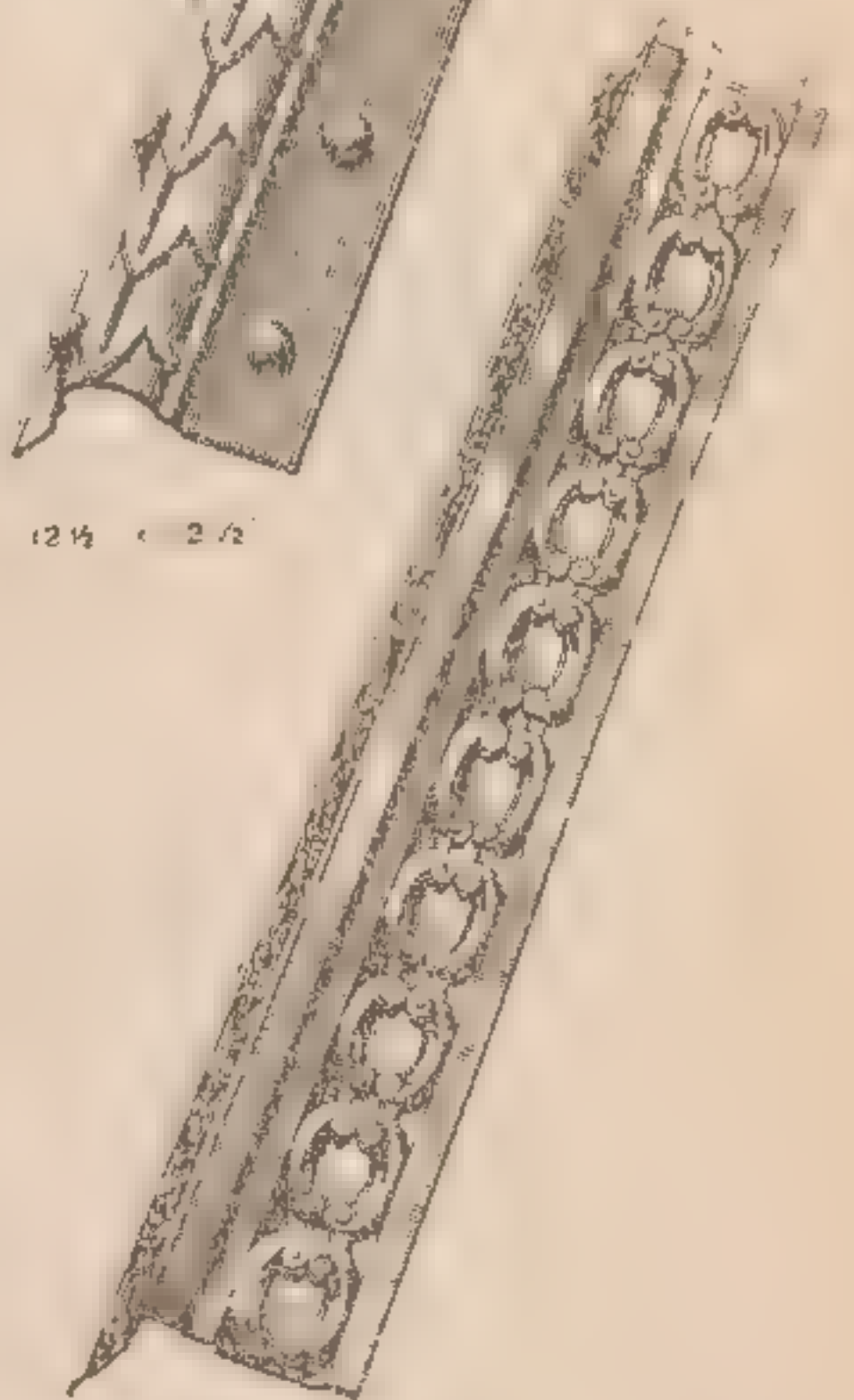
Nº 30 HIP PLATE



Nº 31 HIP PLATE



Nº 32 HIP PLATE



2" x 12"

We make Curb and Hip Plates, Corner Shields and Crockets to suit any pitch of roof. See examples of application at end of Catalogue.

MACFARLANE'S CASTINGS — DRIP AND BARGE FRETS

N° 1034



N° 86



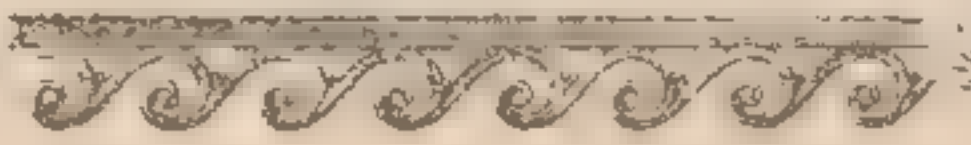
N° 1073



N° 89R



N° 102



N°



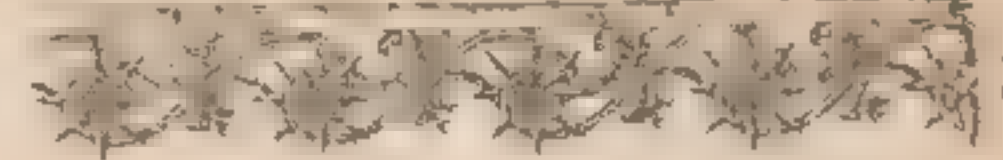
N° 815



N° 91



N° 439.



N° 1128



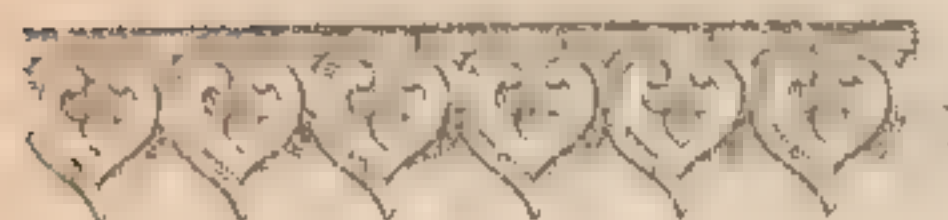
N° 912



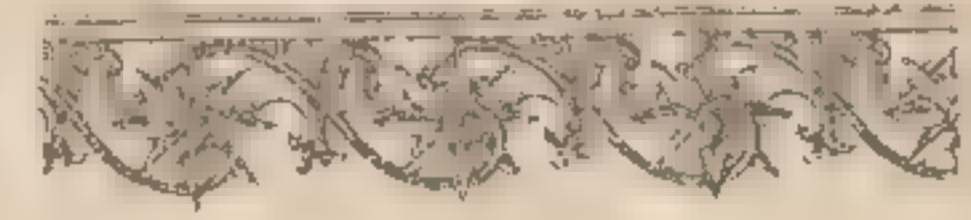
N° 129



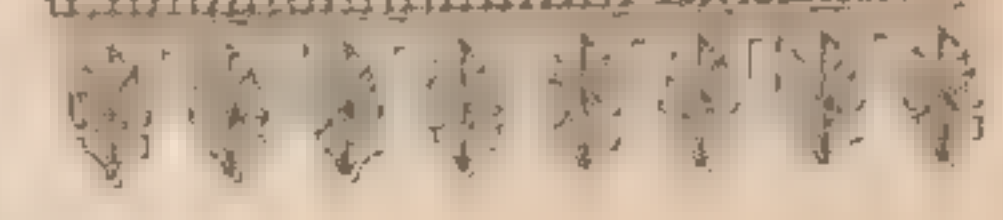
N° 3



N° 449



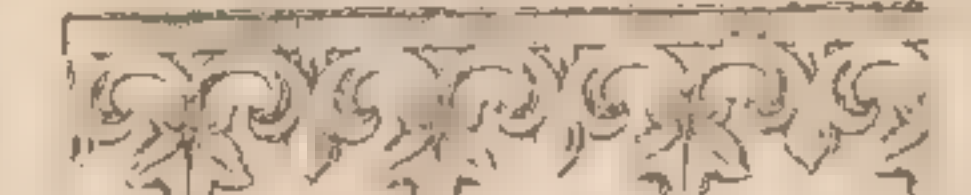
N° 815



N° 102



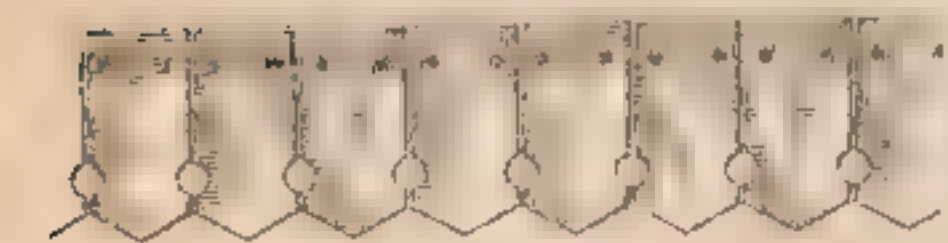
N° 72



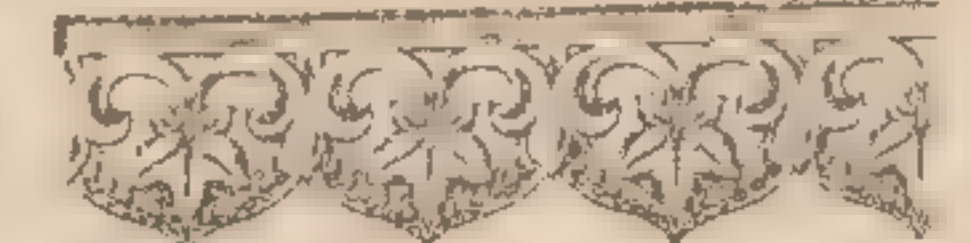
N°



N° 128



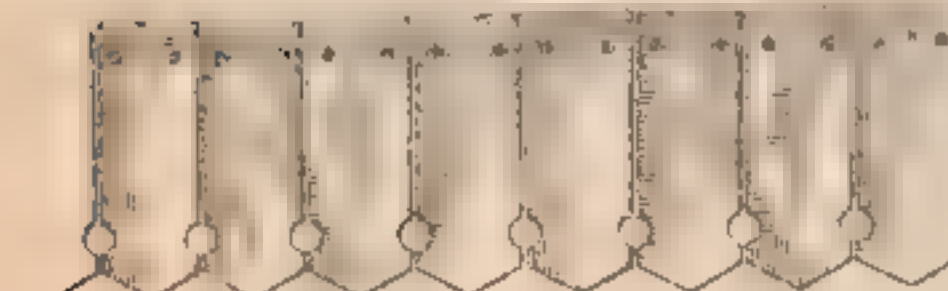
N° 88



N° 129



N° 128



N° 85



N° 129



N° 8



N° 89



N° 19



For other designs suitable for Drip and Barge Frets see Section V. Railings.

SCALE

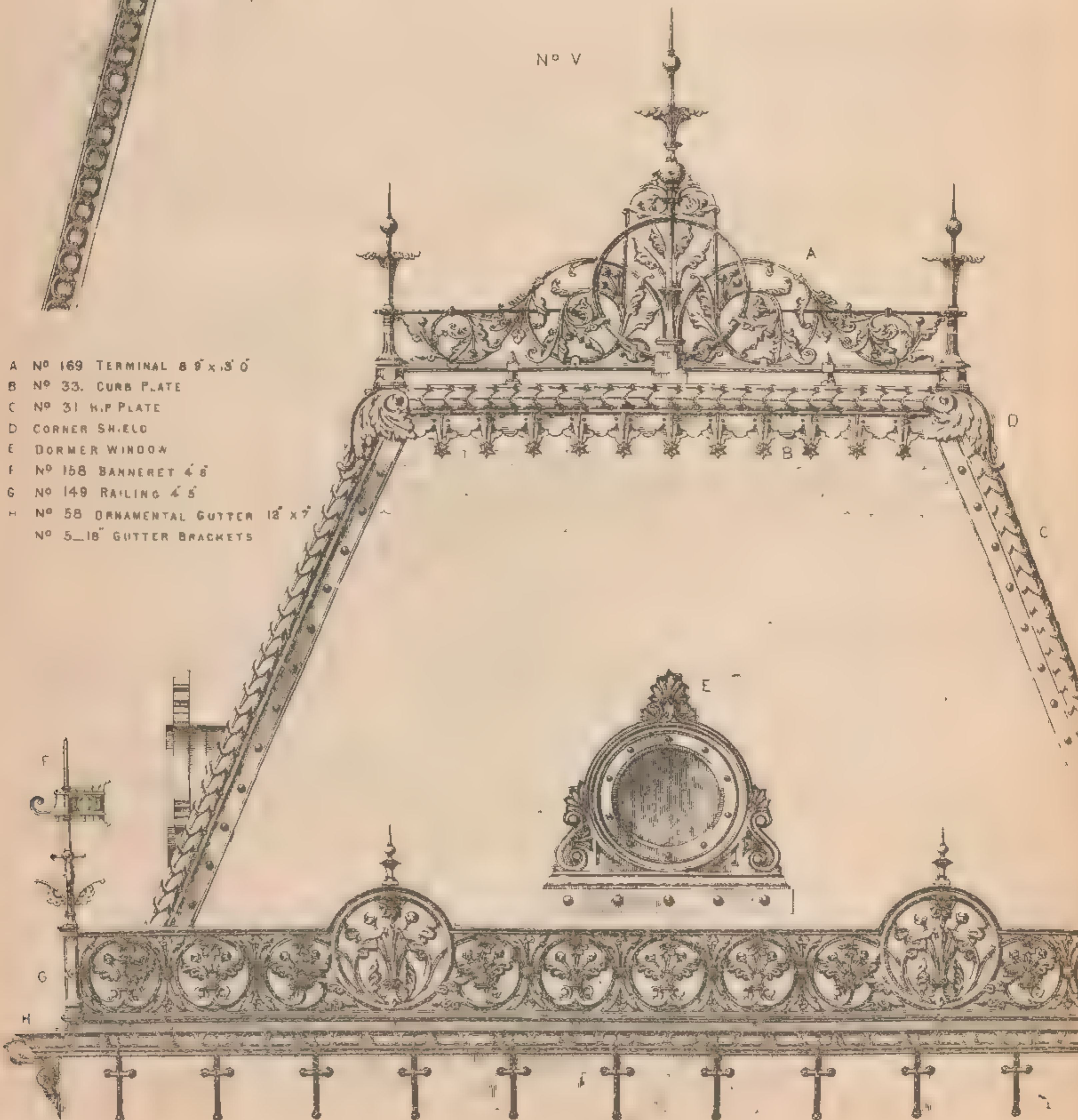


4 FEET

N^o IV

A N^o 204 CRESTING 2' 10"
B N^o 84 TERMINAL 1' 6"

C SHIELD
D N^o 32, CURB PLATE

N^o V

A N^o 169 TERMINAL 8' 9" x 3' 0"
B N^o 33, CURB PLATE
C N^o 31 H.P. PLATE
D CORNER SHIELD
E DORMER WINDOW
F N^o 158 BANNERET 4' 6"
G N^o 149 RAILING 4' 5"
H N^o 58 ORNAMENTAL GUTTER 12' x 7"
N^o 5_18" GUTTER BRACKETS

SCALE

8 FEET

SECTION IV.—TERMINALS.

FOR ROOFS, SPIRES, TURRETS AND BUILDING DECORATION.

There is, perhaps, no section of our manufactures that better illustrates the vast improvements we have introduced in ornamental Castings than our Terminals, imparting, as they do, refreshing points of interest to the Architecture, at a comparatively trifling cost. The wide range of designs in our Terminals, and other Sections, gives facilities for an endless variety of combinations, suited to every taste and requirement.

Please insert in Specification "To be Macfarlane's Castings, from Saracen Foundry, Glasgow," to prevent an inferior article being supplied

Terminals, Finales, Crosses, Bannerets, and Weathervanes,pages 84-161
 Arches,page 162
 Spire Coronals and Turrets, " 163
 Clock Towers and Belfries, pages 164-165

Flagstaffs and Flagstaff Bases, pages 166-167
 Examples,..... " 167-171
 Also other examples at end of Catalogue.

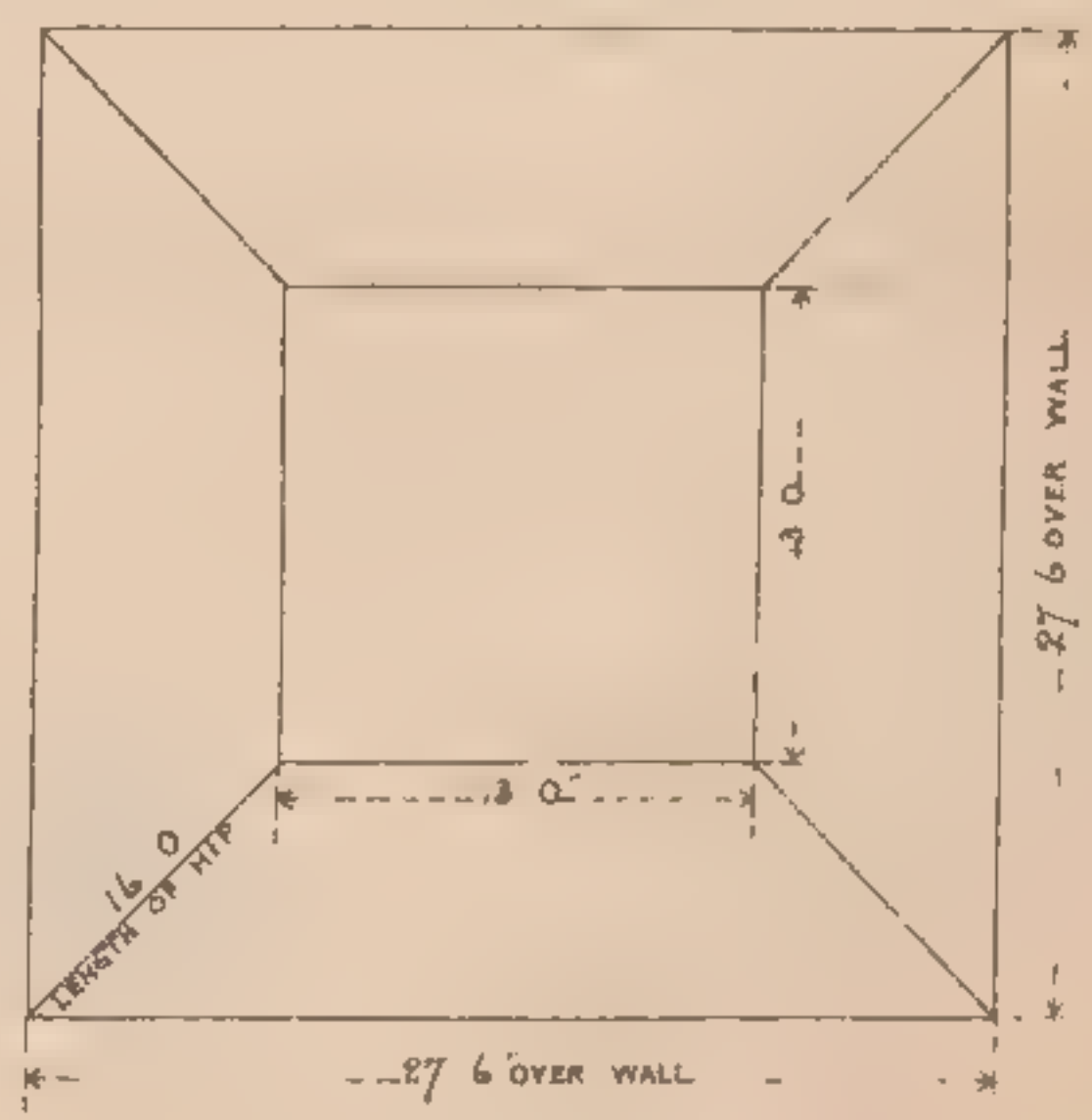
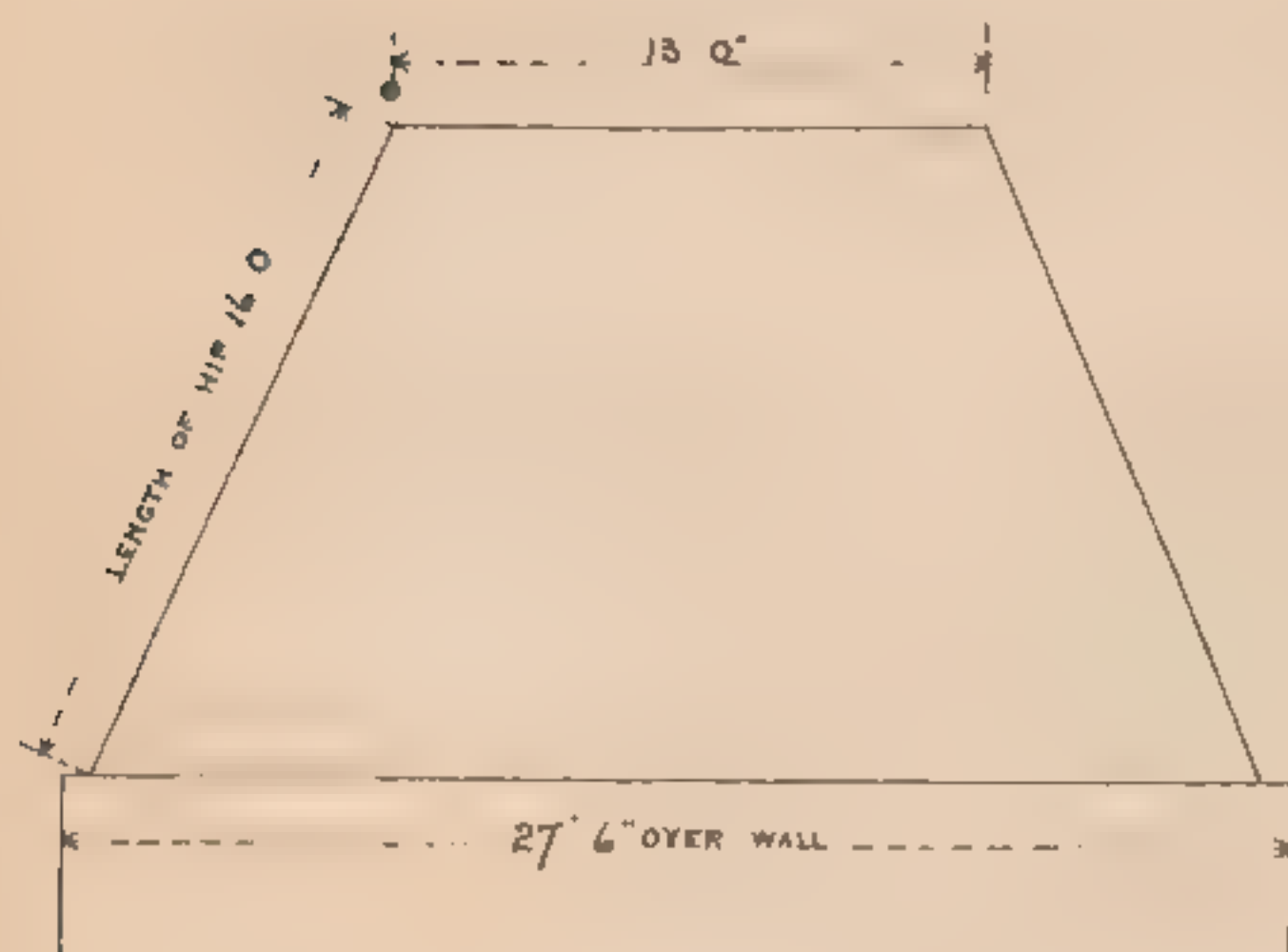
The Illustrations are arranged in the order of their heights.

DIRECTIONS FOR ORDERING.

State the No. and size, and, if necessary, send a rough sketch of the part the Terminal is to be attached to, stating whether wood or stone, and we will furnish the whole ready for fitting up. The following examples show the simplest method of ordering:—

- 5 No. 23 Terminals 3' 6", Arms 4 ways, with batts for fixing to stone.
- 3 No. 137 Terminals 3' 0", Arms 4 ways, with snugs for fixing to wood.
- 2 No. 30 Terminals 4' 0", with screw for fixing to wood.
- 1 No. 62 Weathervane 9' 9", with bolt and nut 6' 0" long for fixing to timbers.
- 1 No. 445 Terminal 6' 0" x 3' 3" combined with No. 30 Curb Plate 10 1/4" to fix to wedge roof as full size section herewith.

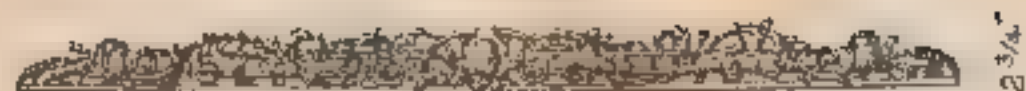
- 2 Sets of ironwork for Mansard Roofs, each consisting of No. 169 Terminals 8' 9" x 15' 0", one face, for 4 sides of plat, No. 33 Curb Plate 20 1/4" and No. 31 Hip Plate 12 1/4" x 12 1/4" with Corner Shields, 4 Dormer Windows 5' 8" x 5' 6", No. 149 Railing 4' 5" one face, for 4 sides on top of wall, with No. 158 Bannerets 4' 6" on suitable standards at corners, No. 58 Gutter 12" x 7" with No. 5-18" Gutter Brackets, as sketch and full size sections at curb and at eaves—(see also Example No. V., page 82).



- 1 Set of ironwork for Shop Cornice, consisting of No. 438 Terminal 4' 10" x 15' 0" with No. 428 Terminal 9' 6" at each end, all having secure fixings to wood cornice and stone wall. Also 10 Sign Letters 1' 0" high, to read thus—RICHARDSON—and 2 Pateras 11" diameter, with screw holes for fixing to wood signboard as sketch.



No 28

3' 8 1/4"
FACE

No 270

2' 8 1/2"
FACE

No 268

3' 4"
FACE

No 265

3' 3 3/4"
FACE

No 265

2' 1"
FACE

No 303

3' 4"
FACE

No 94

3' 8"
FACE

No 264



2' 7 3/4"

No 299

3' 8 1/4"
FACE

No 457

3' 8"
FACE

No 264



1' 9 1/2"

No 282

3' 9 1/2"
FACE

No 274

3' 3"
FACE

No 272

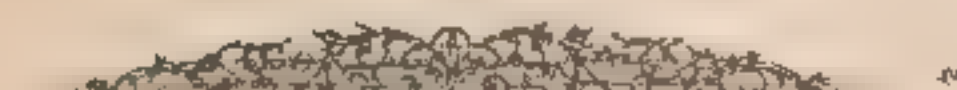


2' 8"

No 274

3' 3 1/2"
FACE

No 274

3' 6"
FACE

No 267

3' 8 1/4"
FACE

No 274

3' 8"
FACE

No 274

4' 0"
FACE

No 273



2' 0 1/4"

No 285

3' 9"
FACE

No 84 - 5 1/8" HIGH

INTERNAL ANGLE



FLAT



EXTERNAL ANGLE



LEFT HAND GABLE CORNER



APEX



RIGHT HAND GABLE CORNER



Apex and Gable Corners made to any required bevel

No 297

3' 0 1/2"
FACE

No 269

3' 3 1/2"
FACE

No 293

3' 9 1/4"
FACE

No 295

3' 8"
FACE

No 262

3' 2 1/4"
FACE

No 433

3' 9"
FACE

No 266



3' 2 1/2"

No 267



4' 1"

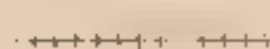
No 461



2' 4"

Any devices can be added in centre shields to order.

SCALE



4 FEET

MACFARLANE'S CASTINGS — TERMINALS

85

Nº 84 - 7 1/2" HIGH

INTERNAL ANGLE

FLAT

EXTERNAL ANGLE

LEFT HAND GABLE CORNER

APEX

RIGHT HAND GABLE CORNER



Apex and Gable Corners made to any required bevel.

Nº 316

Nº 180

Nº 175

Nº 459

Nº 33

Nº 408

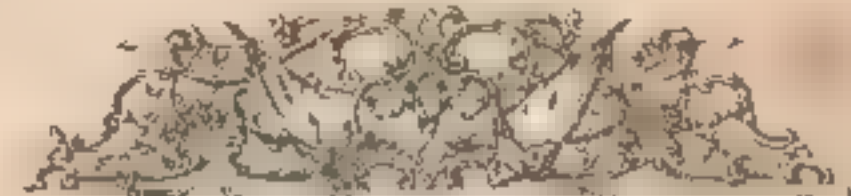
Nº 328



Nº 286

Nº 87

Nº 278



3' 8" FACE

2' 10" FACE

1' 2 1/4" FACE

Nº 347

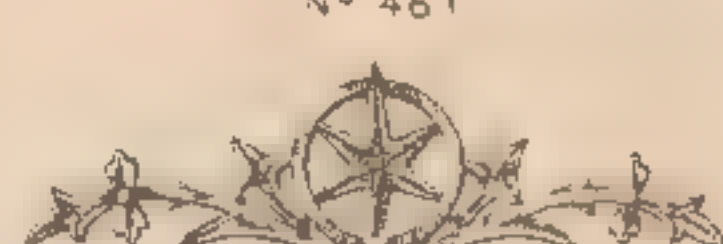
Nº 87

Nº 390

Nº 412

Nº 461

Nº 220



FACE

1' 1 1/2"

5 1/4" 1' 0 1/4" 2' 8"

0"

Supplied either 2" or 5 1/4" on side

Nº 201

Nº 262

Nº 434

Nº 459

Nº 193



3' 2 1/4" FACE

5' 4"

Nº 84 - 10" HIGH

INTERNAL ANGLE

FLAT

EXTERNAL ANGLE

LEFT HAND GABLE CORNER

APEX

RIGHT HAND GABLE CORNER



Apex and Gable Corners made to any required bevel.

Nº 460

Nº 468

Nº 459



3' 2" FACE

3' 9"

Nº 315

Nº 328

Nº 294

Nº 379

Nº 317

Nº 431

Nº 346

Nº 359

Nº 410

Nº 371



ARMS 4 WAYS

Nº 31

Nº 45

Nº 389

Nº 24

Nº 102

Nº 123

Nº 223

Nº 29



ARMS 4 WAYS

FACE

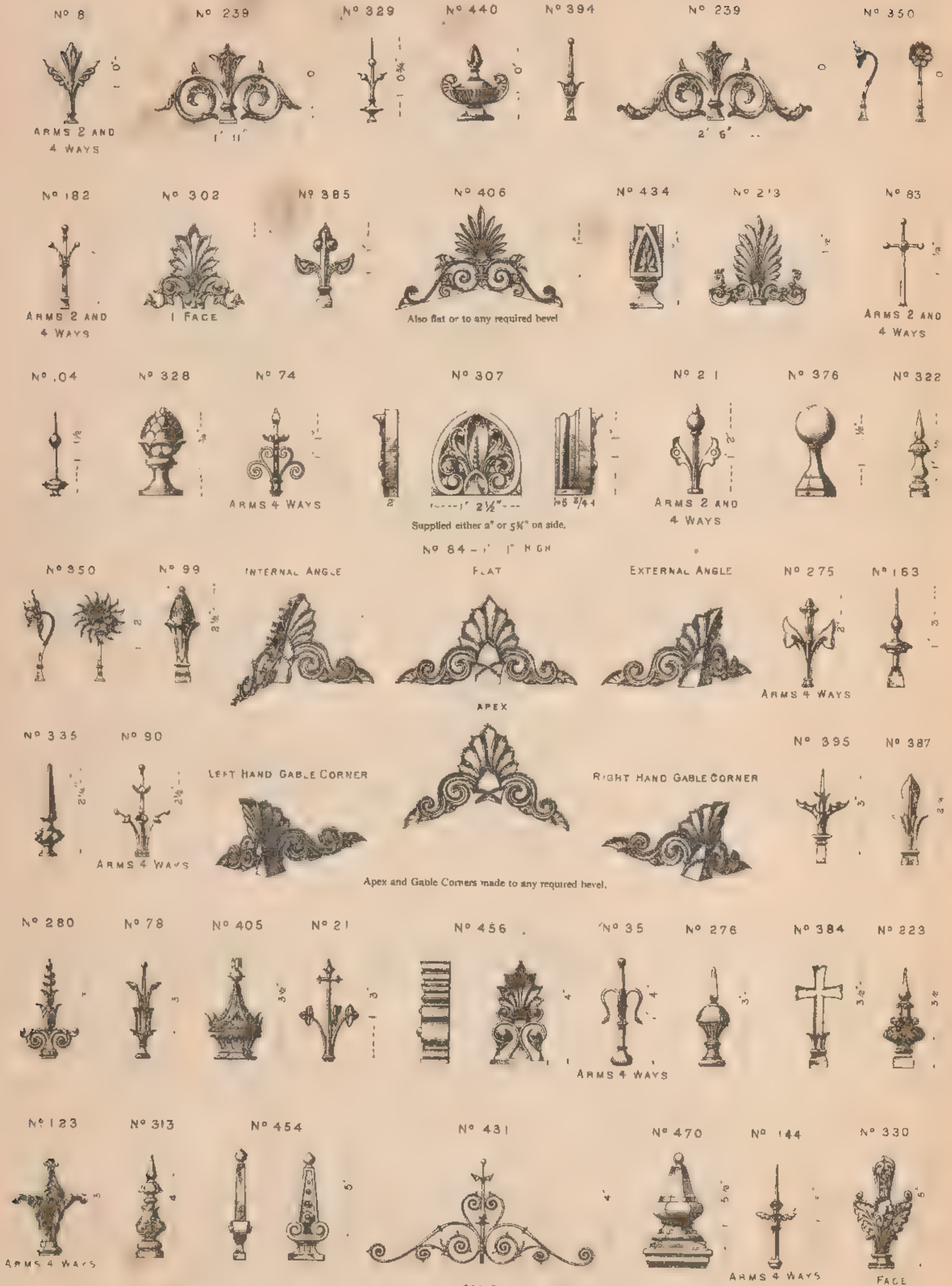
2' 1 1/4" FACE

1' FACE

ARMS 4 WAYS

4 FEET

MACFARLANE'S CASTINGS — TERMINALS



MACFARLANE'S CASTINGS — TERMINALS

Nº 84 — 1' 6" HIGH

Nº 202

INTERNAL ANGLE

FLAT

EXTERNAL ANGLE

Nº 3



ARMS 2 AND 4 WAYS



APEX



ARMS 4 WAYS

Nº 163

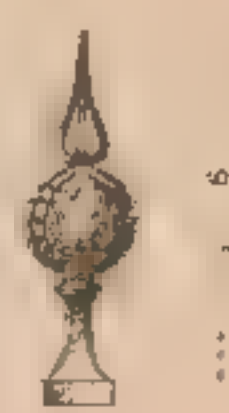
LEFT HAND GABLE CORNER

RIGHT HAND GABLE CORNER

Nº 29



Apex and Gable Corners made to any required level



Nº 350

Nº 218

Nº 137

Nº 325

Nº 100

Nº 77

Nº 97



ARMS 2 AND 4 WAYS



ARMS 2 AND 4 WAYS

Nº 231

Nº 102

Nº 161

Nº 430

Nº 211

Nº 123

Nº 63



1 FACE



ARMS 2 AND 4 WAYS



ARMS 2 AND 4 WAYS



ARMS 4 WAYS



ARMS 2 AND 4 WAYS

Nº 120

Nº 298

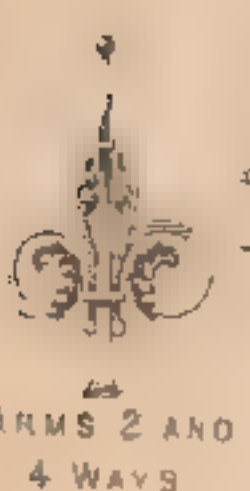
Nº 36

Nº 66

Nº 306

Nº 287

Nº 150



ARMS 2 AND 4 WAYS



Nº 411

Nº 147

Nº 410

Nº 178

Nº 203

Nº 90

Nº 32



ARMS 2 AND 4 WAYS



ARMS 3 WAYS

SCALE

APEX

MACFARLANE'S CASTINGS — TERMINALS

No. 106 — 1 3/4" HIGH

LEFT HAND END



LAT



RIGHT HAND END



APEX



LEFT HAND GABLE END



RIGHT HAND GABLE END



Apex and Gable Ends made to any required bevel.

No. 469



No. 397



No. 90



No. 76



No. 9



No. 20



No. 74



ARMS 4 WAYS

Also flat or to any required bevel.

No. 398



No. 126



No. 98



No. 43



No. 23



No. 82



No. 185



ARMS 4 WAYS

ARMS 2 AND 4 WAYS

No. 420



No. 83



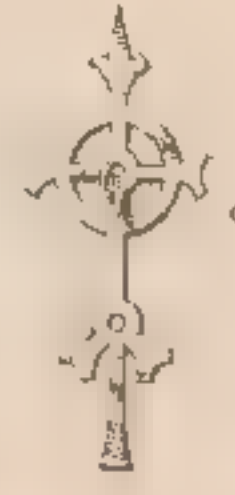
No. 93



No. 206



No. 4



No. 110



No. 466



ARMS 2 AND 4 WAYS

No. 73



No. 94



No. 35



No. 410



No. 100



No. 99



No. 77



ARMS 2 AND 4 WAYS

ARMS 2 AND 4 WAYS

ARMS 4 WAYS

SCALE

4 FEET

Nº 314



Nº 240



ARMS 4 WAYS

Nº 229



Nº 192



ARMS 2 AND 4 WAYS

Nº 21



Nº 56



Nº 93



ARMS 2 AND 4 WAYS

Nº 9



Nº 3



ARMS 2 AND 4 WAYS

Nº 228



Also flat or to any required bevel

Nº 2



ARMS 4 WAYS

Nº 195



Nº 69



2' 0"

Nº 4



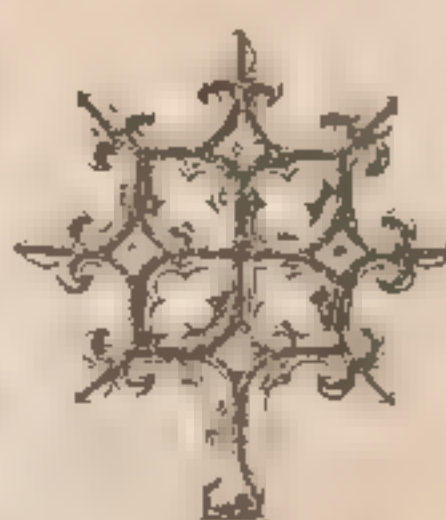
1 AND 2 FACES

Nº 37



1 AND 2 FACES

Nº 38



1 AND 2 FACES

Nº 53



ARMS 4 WAYS

Nº 204



2' 0"

Nº 27



2' 0"

Nº 275



2' 1"

ARMS 4 WAYS

Nº 231



2' 1 1/2"

ARMS 2 AND 4 WAYS

Nº 157



2' 0"

ARMS 2 AND 4 WAYS

Nº 416



2' 1"

ARMS 2 AND 4 WAYS

Nº 77



2' 0"

ARMS 2 AND 4 WAYS

Nº 350



2' 0"

Nº 29



Nº 43



2' 1 1/2"

Nº 350



Nº 90



2' 0"

ARMS 2 AND 4 WAYS

SCALE

2

3

4 FEET

MACFARLANE'S CASTINGS — TERMINALS

N^o 9

Also flat or to any required bevel

N^o 138N^o 143N^o 301N^o 102

FACE

Also flat or to any required bevel

N^o 88

ARMS 2 AND 4 WAYS

N^o 22

ARMS 2 AND 4 WAYS

N^o 238N^o 76

ARMS 4 WAYS

N^o 289

ARMS 2 AND 4 WAYS

N^o 31

ARMS 2 AND 4 WAYS

N^o 170N^o 74

ARMS 4 WAYS

N^o 420

ARMS 2 AND 4 WAYS

N^o 63N^o 26N^o 281N^o 80

ARMS 4 WAYS

N^o 53

ARMS 4 WAYS

N^o 123

ARMS 4 WAYS

N^o 430N^o 85N^o 4N^o 284

ARMS 2 AND 4 WAYS

N^o 2

ARMS 2 AND 4 WAYS

N^o 40N^o 160Also flat or to any required bevel,
SCALEN^o 42

1 AND 2 FACES

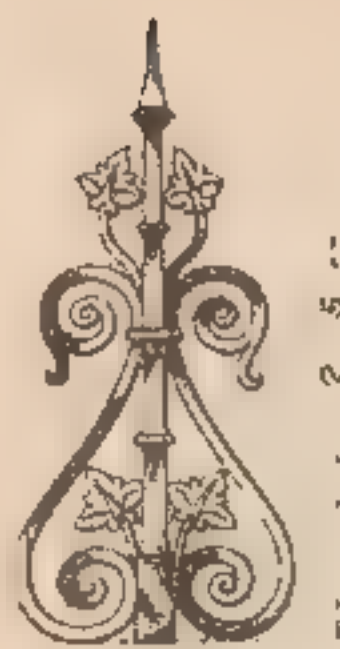
N^o 00

Nº 50



ARMS 4 WAYS

Nº 38



ARMS 2 AND 4 WAYS

Nº 44



5' 8"

Nº 179



2' 6"

Nº 106



2' 6"

Nº 148



Nº 75



ARMS 2 AND 4 WAYS

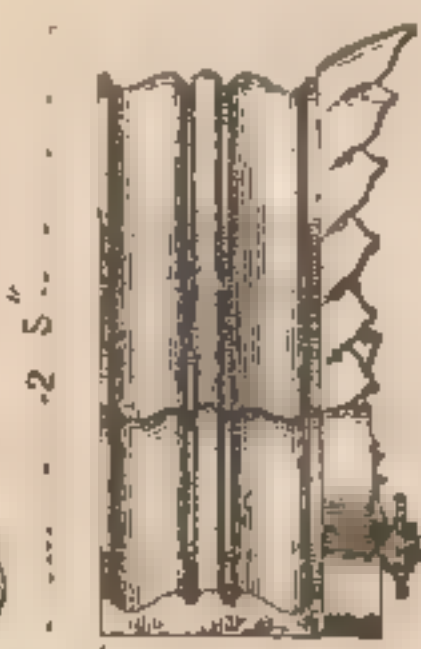
Nº 300



2' 4"



Supplied either 2 1/4" or 1 1/4" on side.



2' 5"

1' 0 1/4"

Nº 288



2' 6"

Nº 21



ARMS 4 WAYS

Nº 144



8' 0"

Nº 77



2' 6"

ARMS 2 AND 4 WAYS

Nº 86



2' 6"

Nº 83



2' 6"

ARMS 2 AND 4 WAYS

Nº 79



2' 6"

ARMS 4 WAYS

Nº 129



2' 6"

ARMS 4 WAYS

Nº 230



2' 6"

Nº 377



2' 6"

Nº 162



1' 6"

SCA E

2

3

K F L L

2' 6 1/4"

Nº 72



ARMS 4 WAYS

Nº 292



With 3/4" Socket Base for Flagstaff

Nº 93



ARMS 2 AND 4 WAYS

Nº 7



Nº 3



Nº 47



Nº 296



ARMS 4 WAYS

Nº 32



ARMS 3 WAYS

Nº 439



Nº 5



ARMS 2 AND 4 WAYS

Nº 82



ARMS 4 WAYS

Nº 350



Nº 458



Nº 280



Nº 6



Nº 138



Nº 78



Nº 7



ARMS 2 AND 4 WAYS
Nº 425

Nº 431



Nº 41

Nº 33

Nº 38

Nº 429



ARMS 4 WAYS



AND 2 FACES



1 AND 2 FACES



ARMS 2 AND 4 WAYS



ARMS 2 AND 4 WAYS

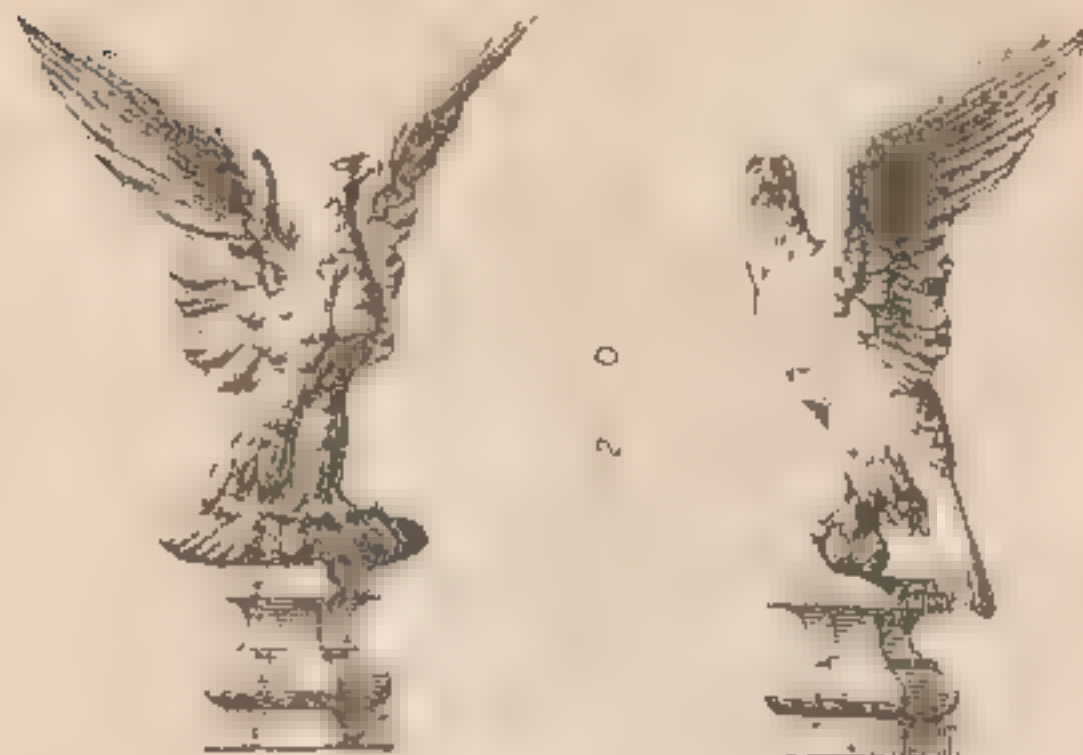
Nº 124



Nº 231



Nº 381



Nº 236



Nº 52



ARMS 2 AND 4 WAYS

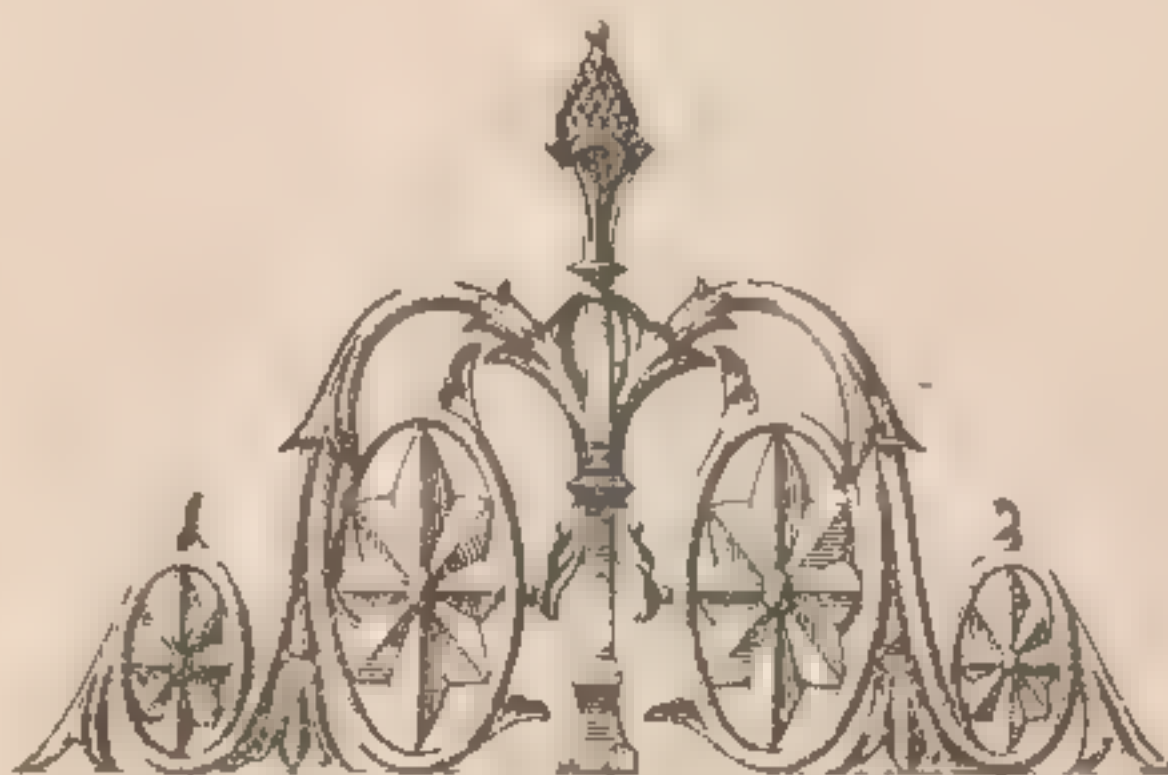
Nº 29



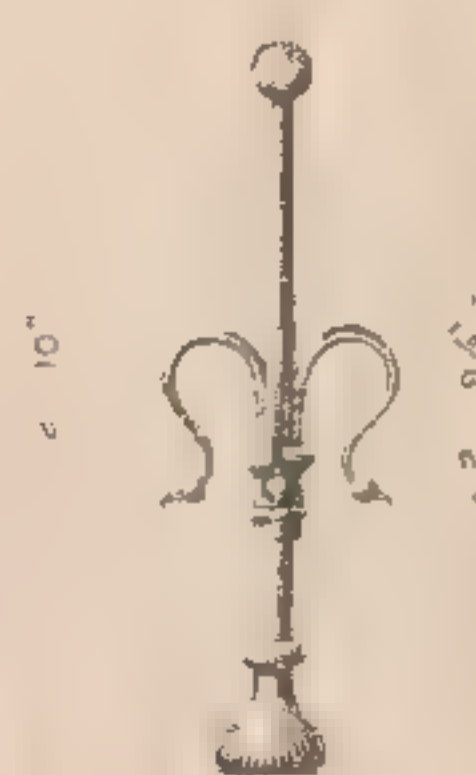
Nº 31



Nº 99



Nº 35



Nº 34



ARMS 4 WAYS

ARMS 4 WAYS

ARMS 4 WAYS

ARMS 2 AND 4 WAYS

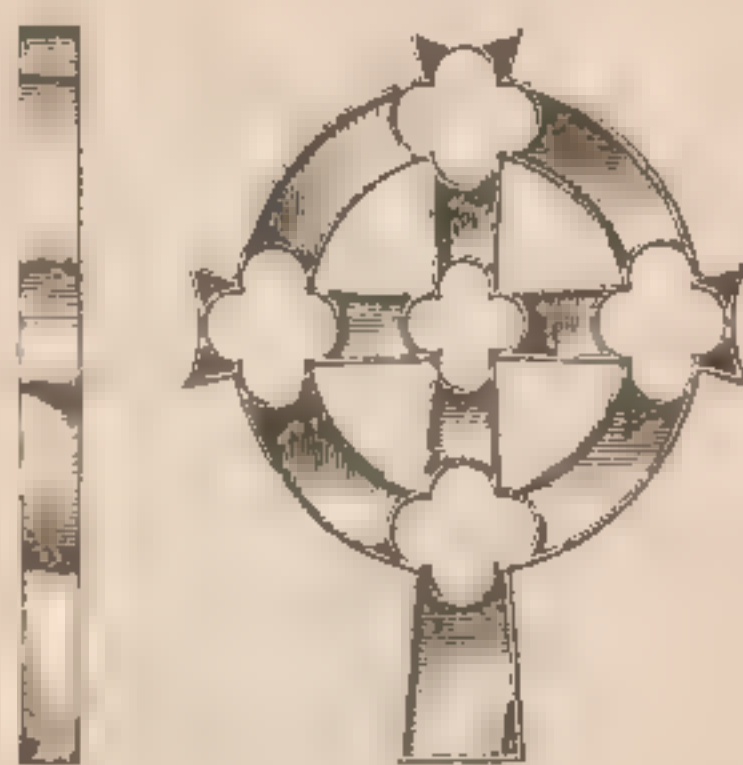
Nº 205



Nº 12



Nº 37



Nº 2



Nº 39

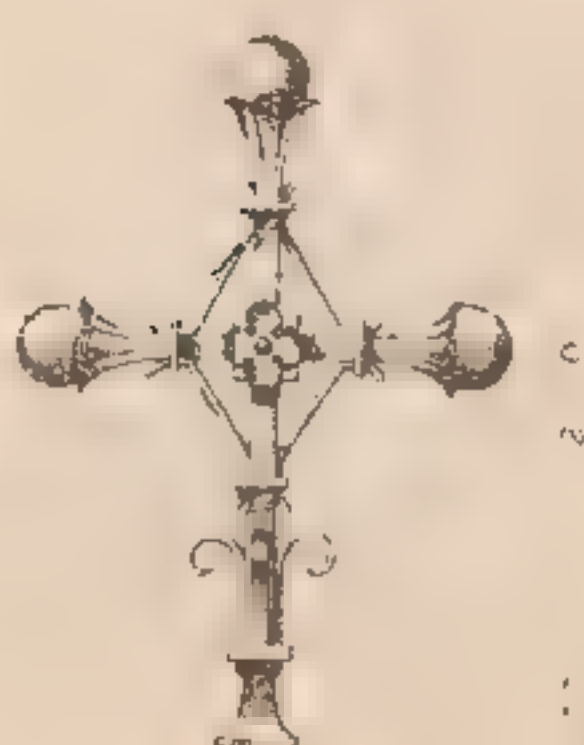


1 AND 2 FACES

Nº 209



Nº 177



Nº 30



Nº 15



Nº 9



ARMS 2 AND 4 WAYS

MACFARLANE'S CASTINGS — TERMINALS.

Nº 225



ARMS 2 AND 4 WAYS

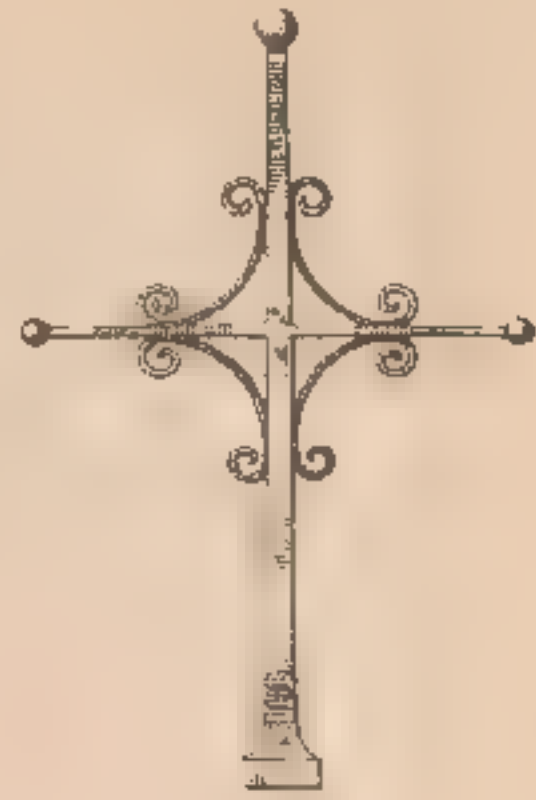
Nº 26



Nº 455



Nº 68



Nº 140



ARMS 4 WAYS

Nº 31



ARMS 4 WAYS

Nº 75



ARMS 2 AND 4 WAYS

Nº 149



ARMS 2 AND 4 WAYS

Nº 420



Nº 80



ARMS 4 WAYS

Nº 137



ARMS 2 AND 4 WAYS

Nº 33



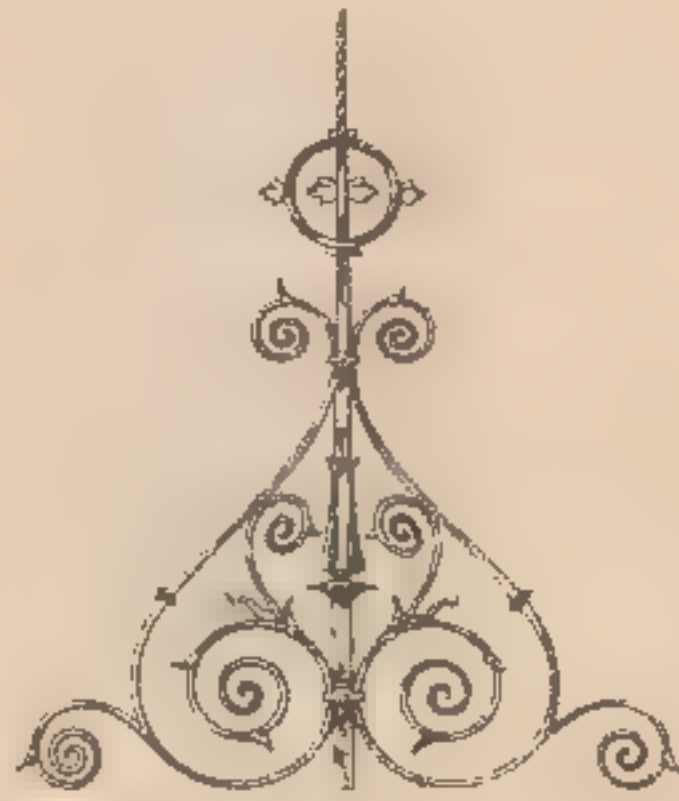
Nº 22



Nº 148



Nº 430



Nº 170



Nº 78

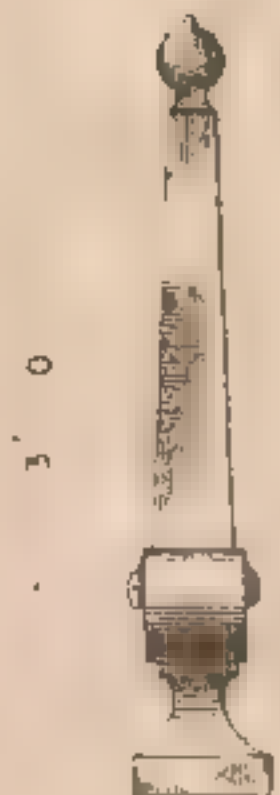


ARMS 2 AND 4 WAYS

Nº 454



1 FACE



2 FACES

Nº 163



SCALE

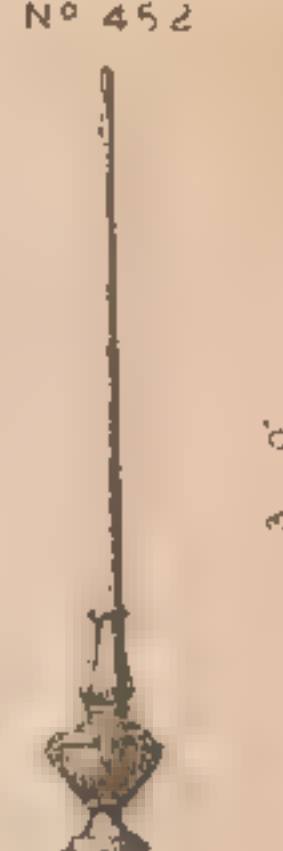
Nº 279



Nº 27



MACFARLANE'S CASTINGS — TERMINALS



Nº 83



ARMS 4 WAYS

Nº 167



Nº 231



ARMS 2 AND 4 WAYS

Nº 152

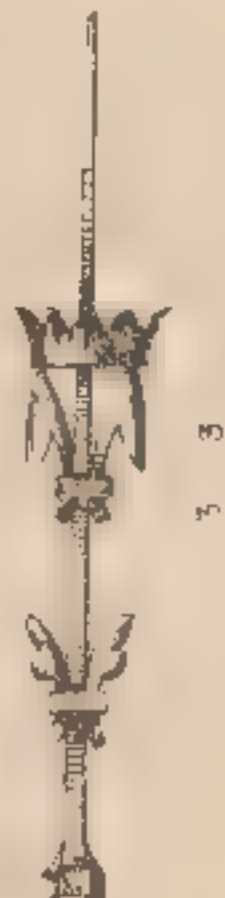


ARMS 4 WAYS

Nº 66



Nº 235



Nº 30



ARMS 4 WAYS

Nº 308



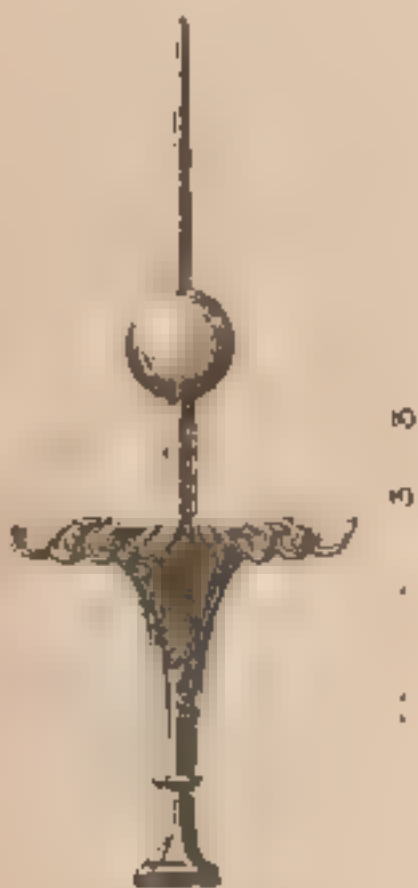
ARMS 4 WAYS

Nº 4



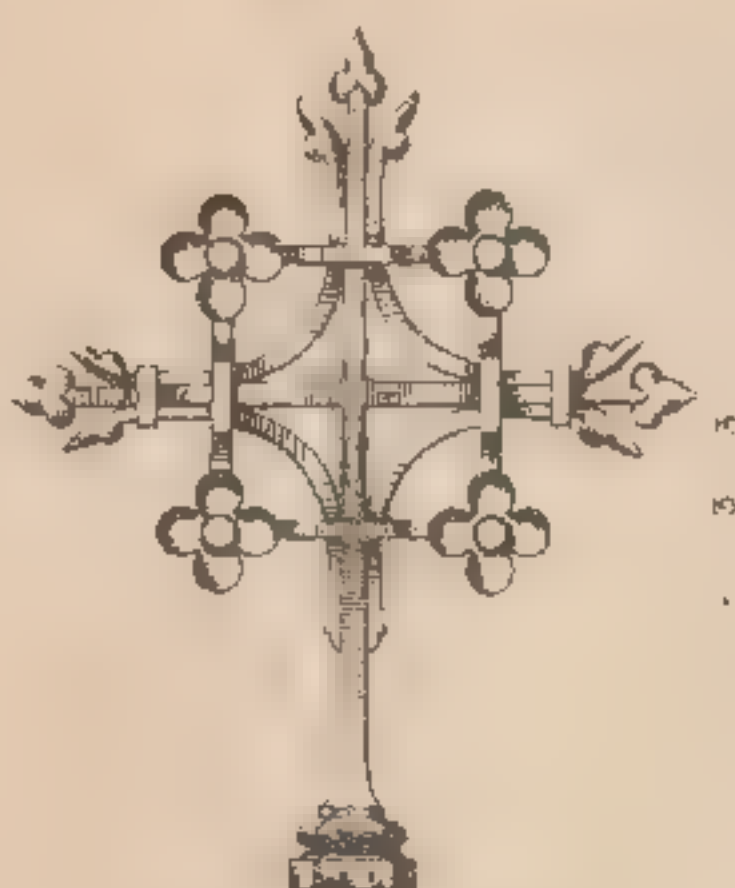
ARMS 2 AND 4 WAYS

Nº 108



ARMS 4 WAYS

Nº 134



Nº 42



AND 2 FACES

Nº 287

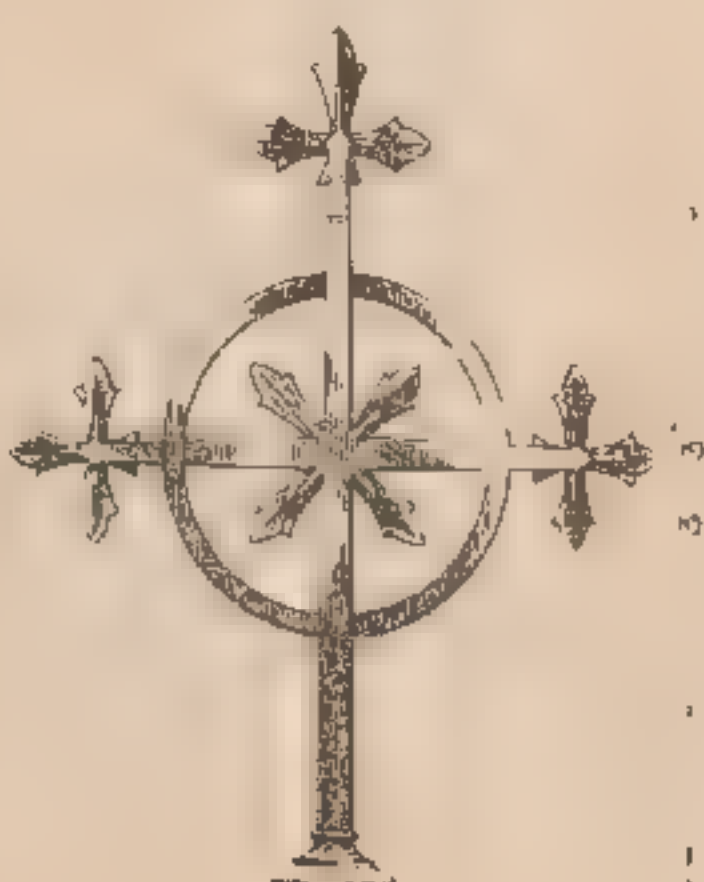


ARMS 4 WAYS

Nº 6



Nº 114



Nº 105



ARMS 4 WAYS

Nº 47



Nº 309



SCALE



Nº 106—3' 3" HIGH

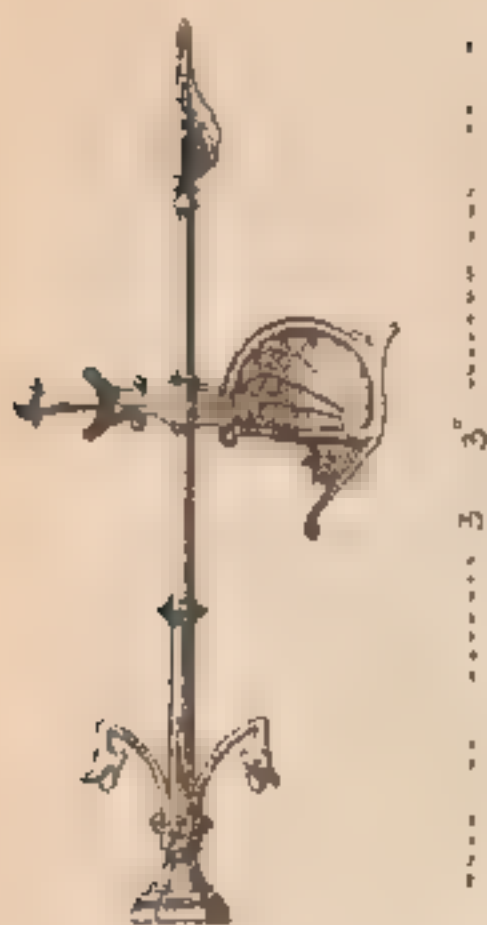
APEX

Nº 207

Nº 12

Nº 20

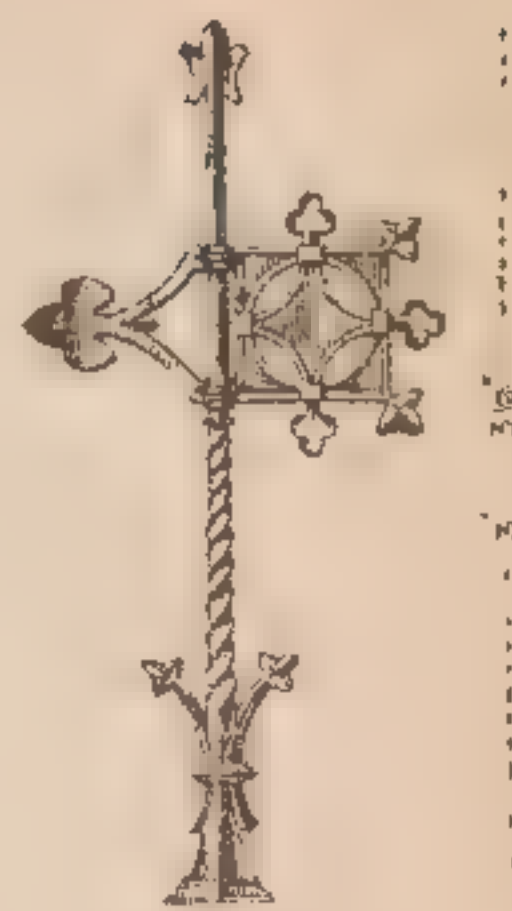
Nº 51



ARMS 4 WAYS



to any required bavel.



Nº 50

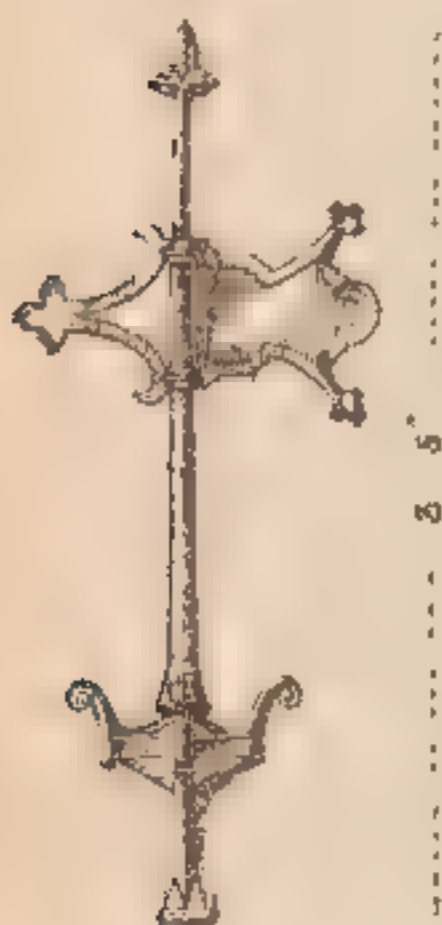
Nº 69

Nº 106—3' 3" HIGH

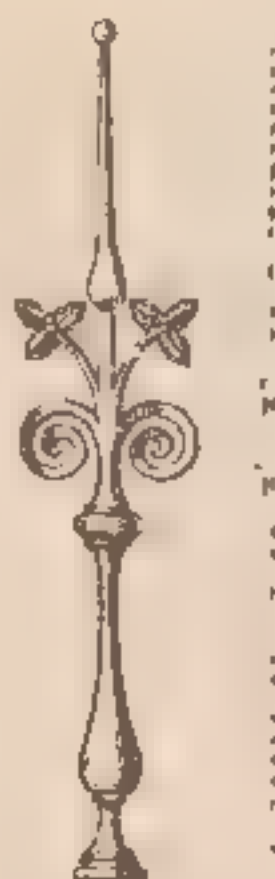
FLAT

Nº 29

Nº 49



ARMS 4 WAYS



4' 5"



ARMS 4 WAYS



ARMS 4 WAYS

Nº 22

Nº 137

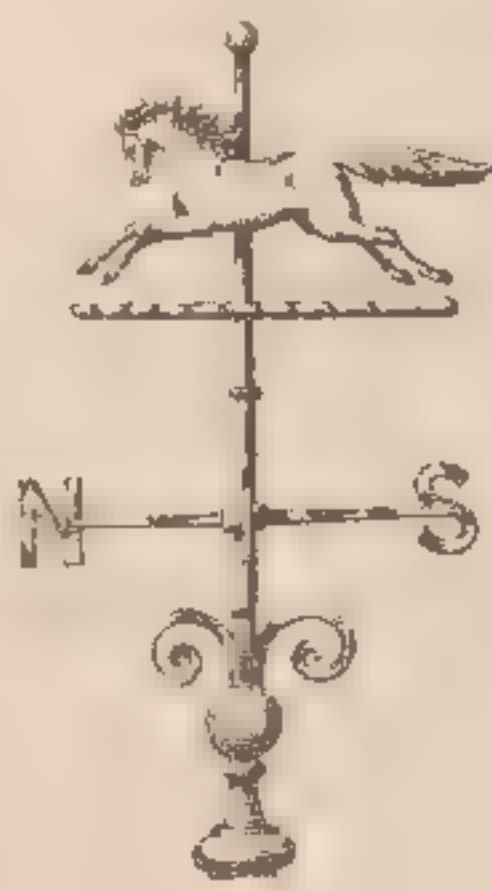
Nº 53

Nº 225

Nº 28



ARMS 2 AND 4 WAYS



ARMS 4 WAYS



ARMS 2 AND 4 WAYS

Nº 14

Nº 427

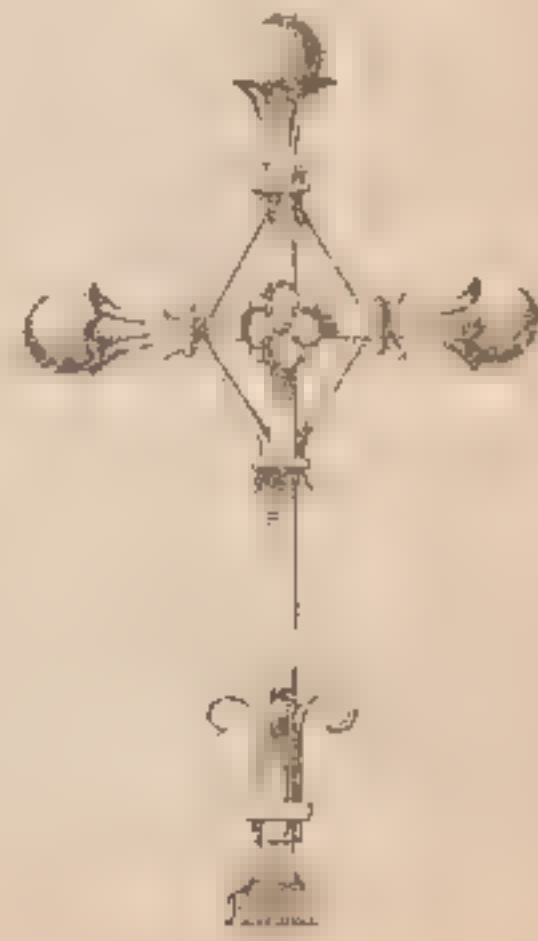
Nº 177



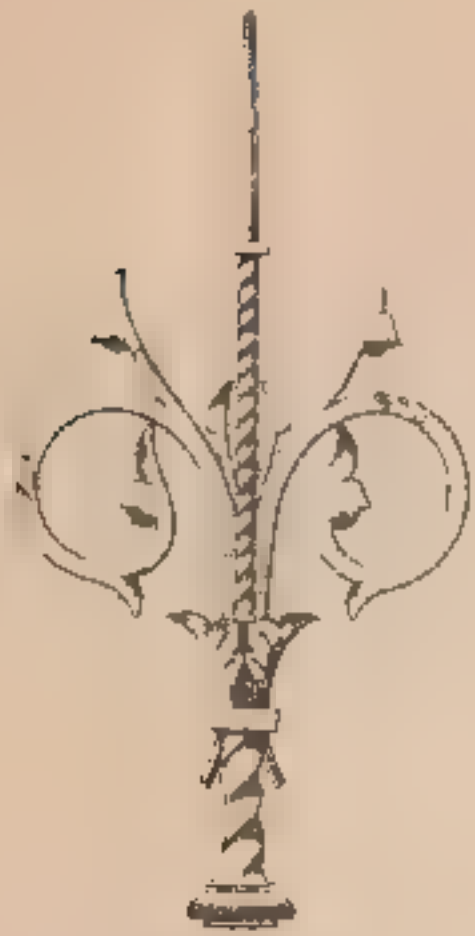
ARMS 2 AND 4 WAYS



SEAL



No 107



ARMS 2 AND 4 WAYS

No 25



ARMS 2 AND 4 WAYS

No 67



ARMS 2 AND 4 WAYS

No 426



No 52



No 21

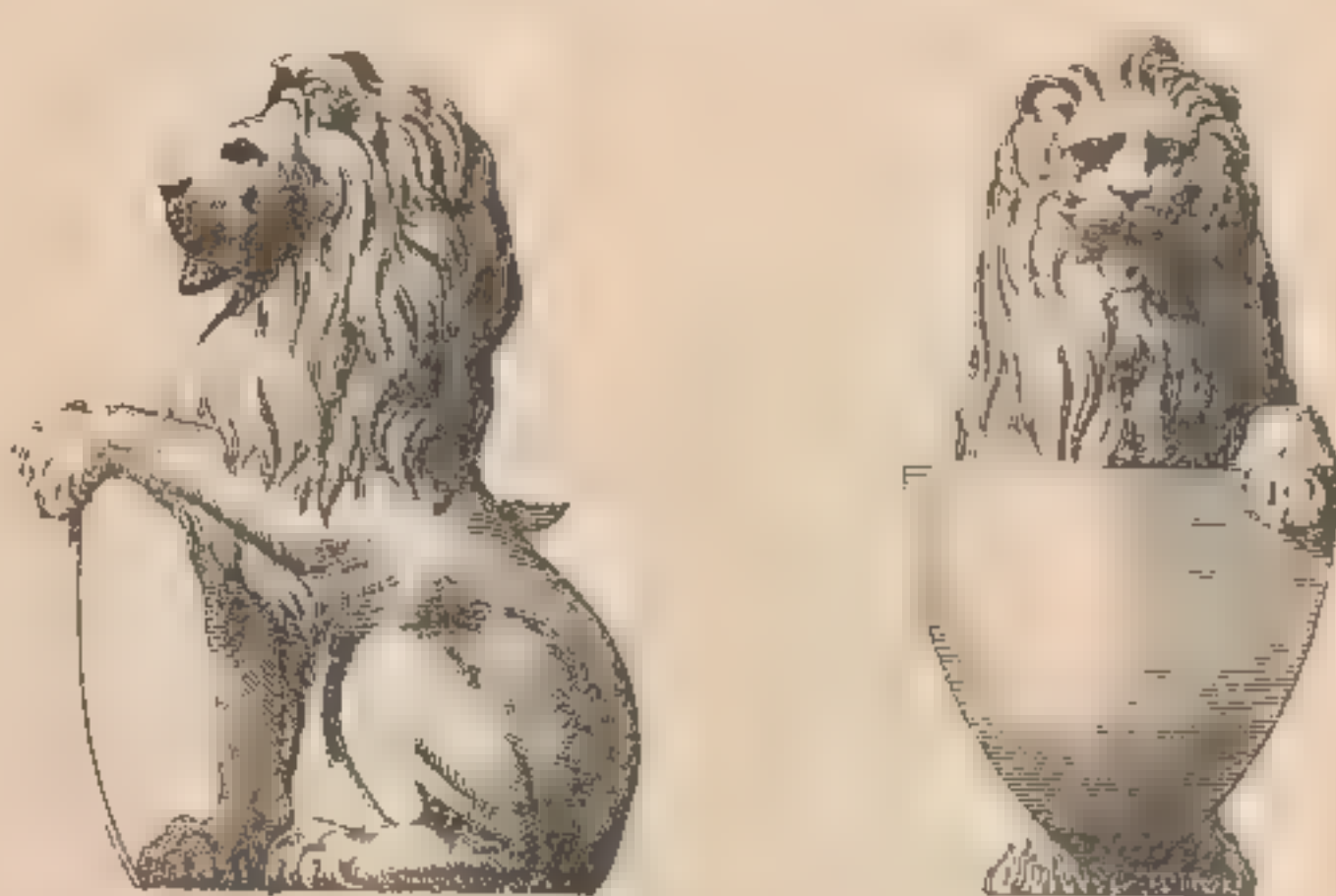


No 238



5' 11"

No 428

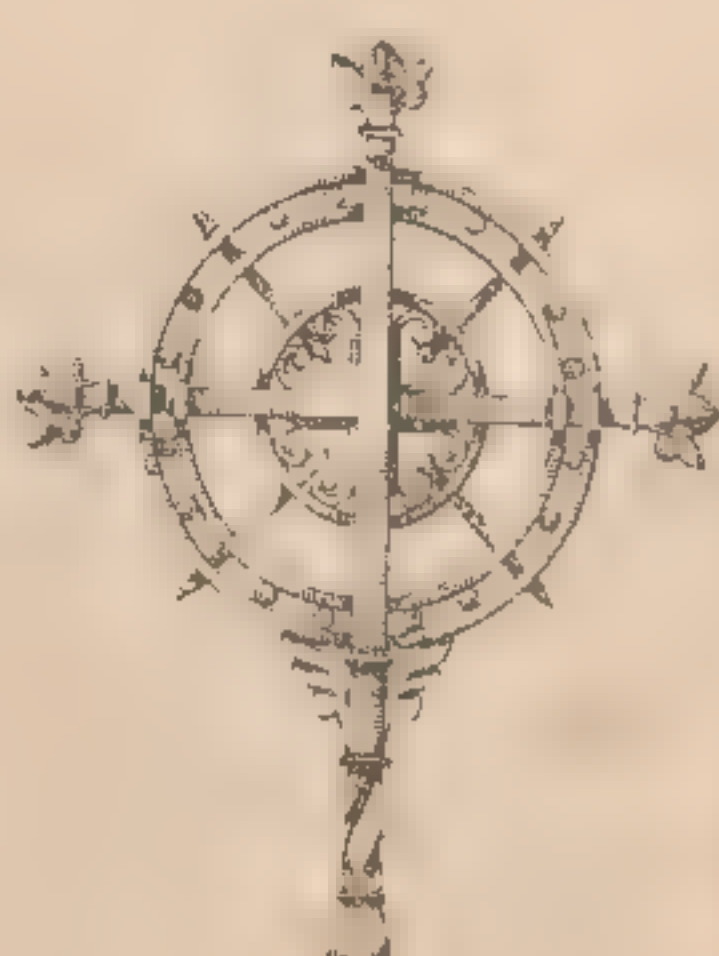


Any inscription, arms, or device on shield to order.

No 138



No 56



No 245



No 24



No 148



ARMS 2 AND 4 WAYS

No 31



ARMS 4 WAYS

No 53

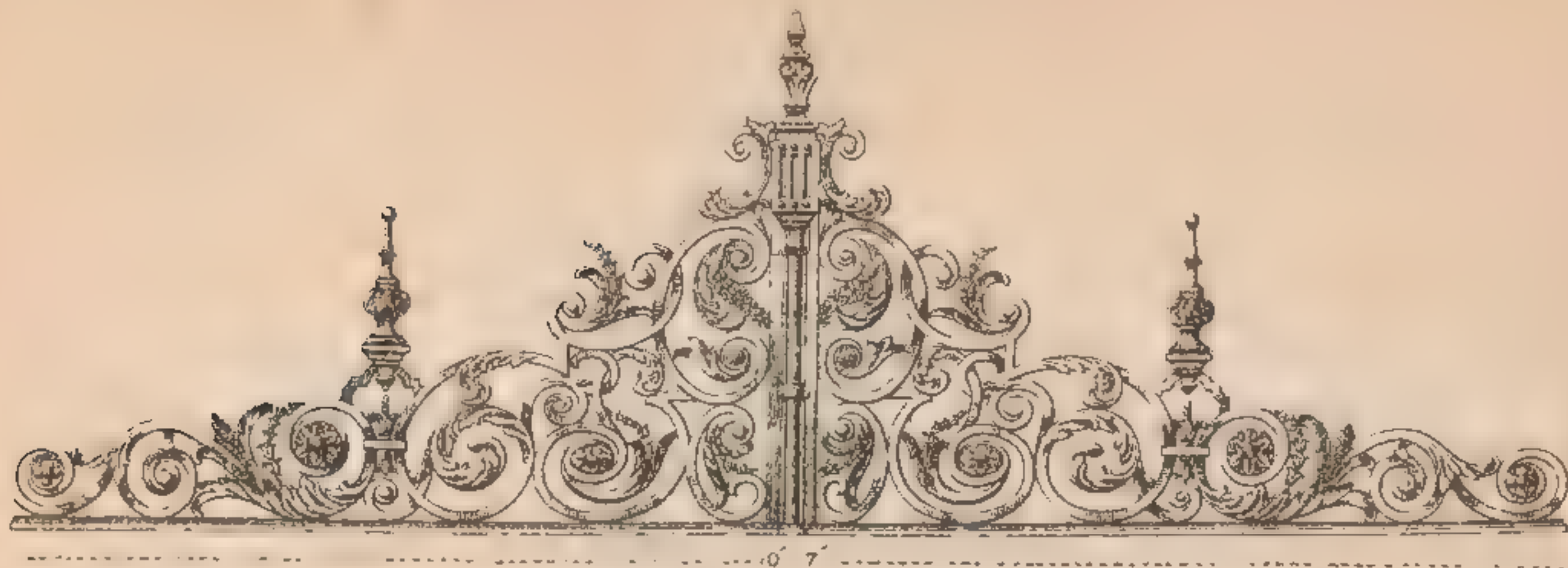


ARMS 4 WAYS

No 80



ARMS 4 WAYS



Nº 426

Nº 61

Nº 211

Nº 62

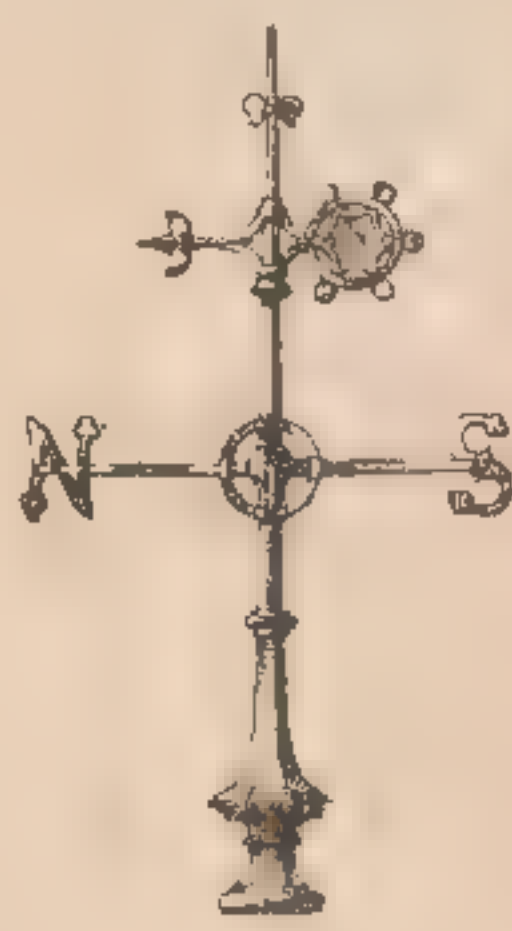
Nº 231



ARMS 2 AND 4 WAYS



ARMS 4 WAYS



ARMS 2 AND 4 WAYS

Nº 11

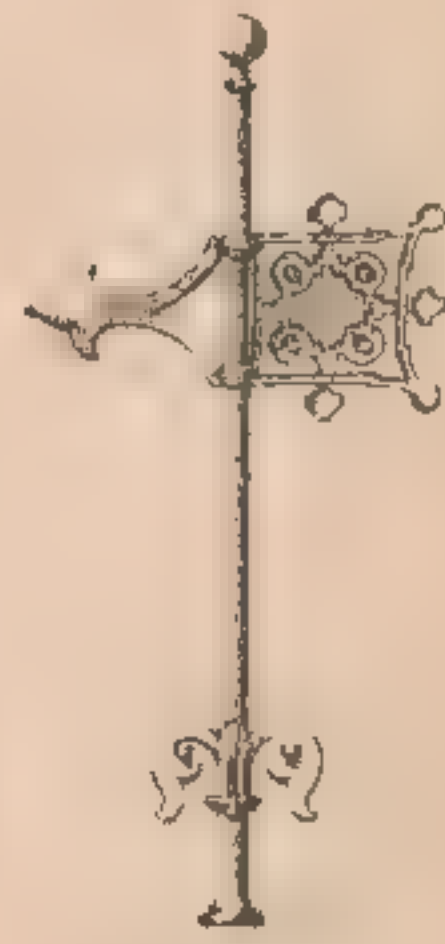
Nº 361

Nº 164

Nº 48



ARMS 2 AND 4 WAYS



ARMS 4 WAYS

Nº 446



6' 0" DIAMETER

SCALE

2

3

4 1/2"

MACFARLANE'S CASTINGS — TERMINALS

Nº 110



Nº 431



Nº 30

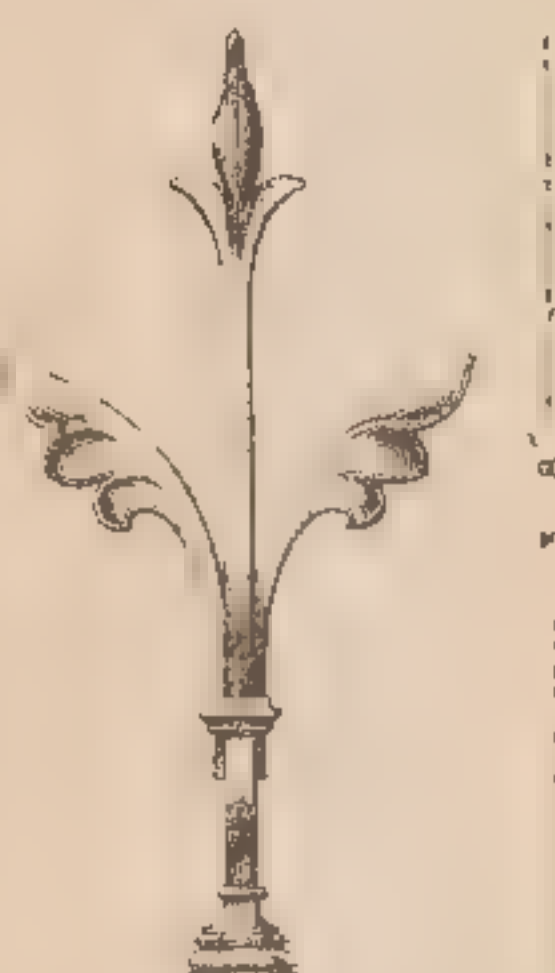


Nº 234



ARMS 4 WAYS

Nº 53



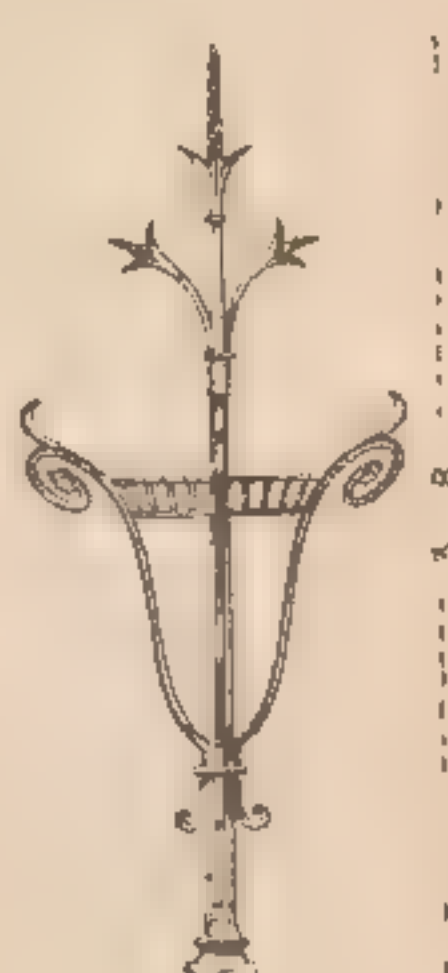
ARMS 2 AND 4 WAYS

Nº 53



ARMS 4 WAYS

Nº 447



ARMS 2 AND 4 WAYS

Nº 59



Nº 45



Nº 163



Nº 119

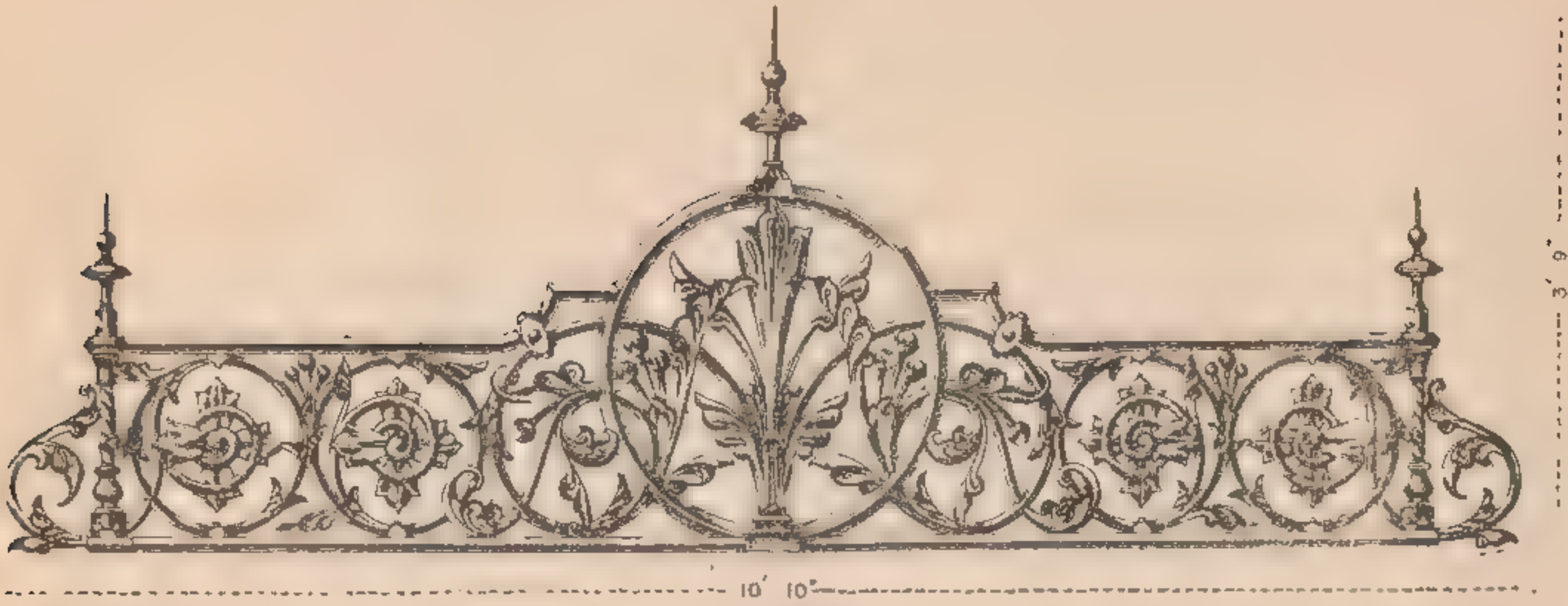


SCALE

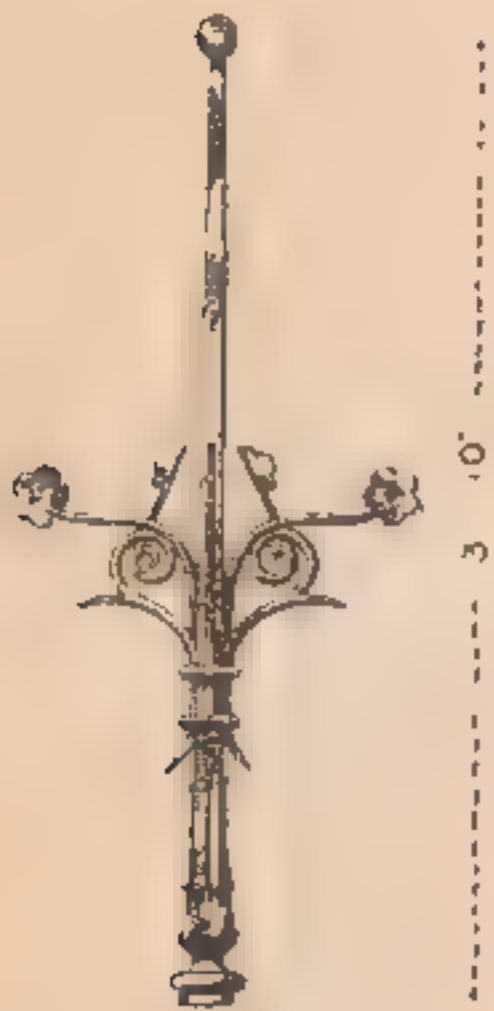
1 2 3 4 FEET

MACFARLANE'S CASTINGS — TERMINALS

Nº 163



Nº 360



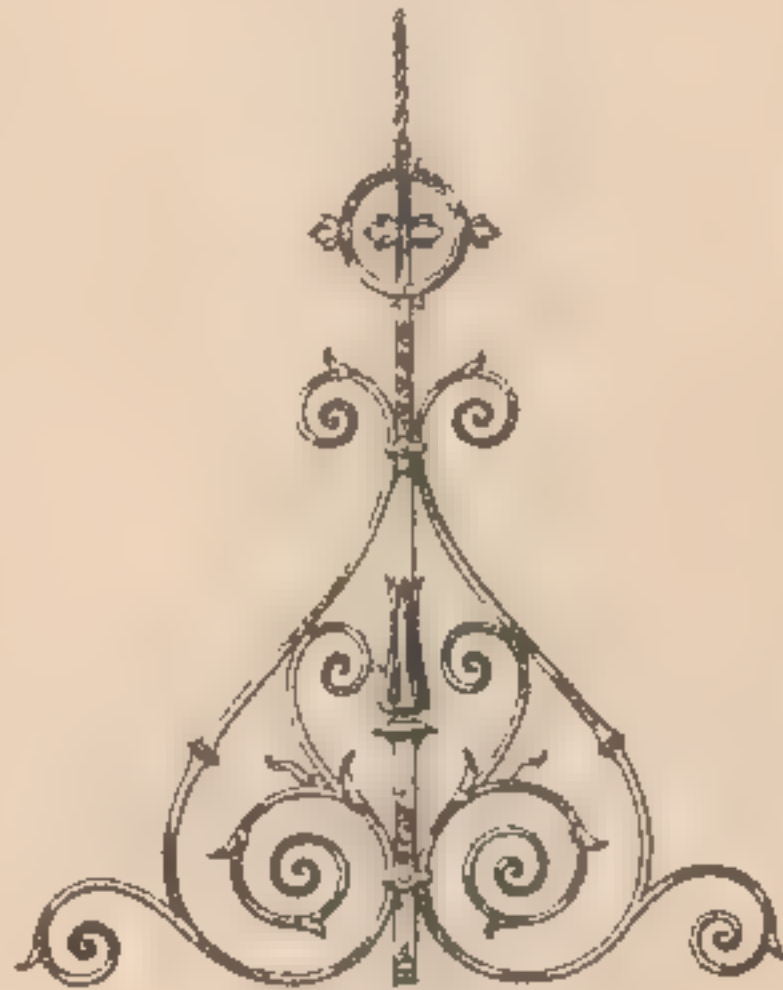
ARMS 2 AND 4 WAYS

Nº 140



ARMS 4 WAYS

Nº 430



Nº 23



ARMS 2 AND 4 WAYS

Nº 05

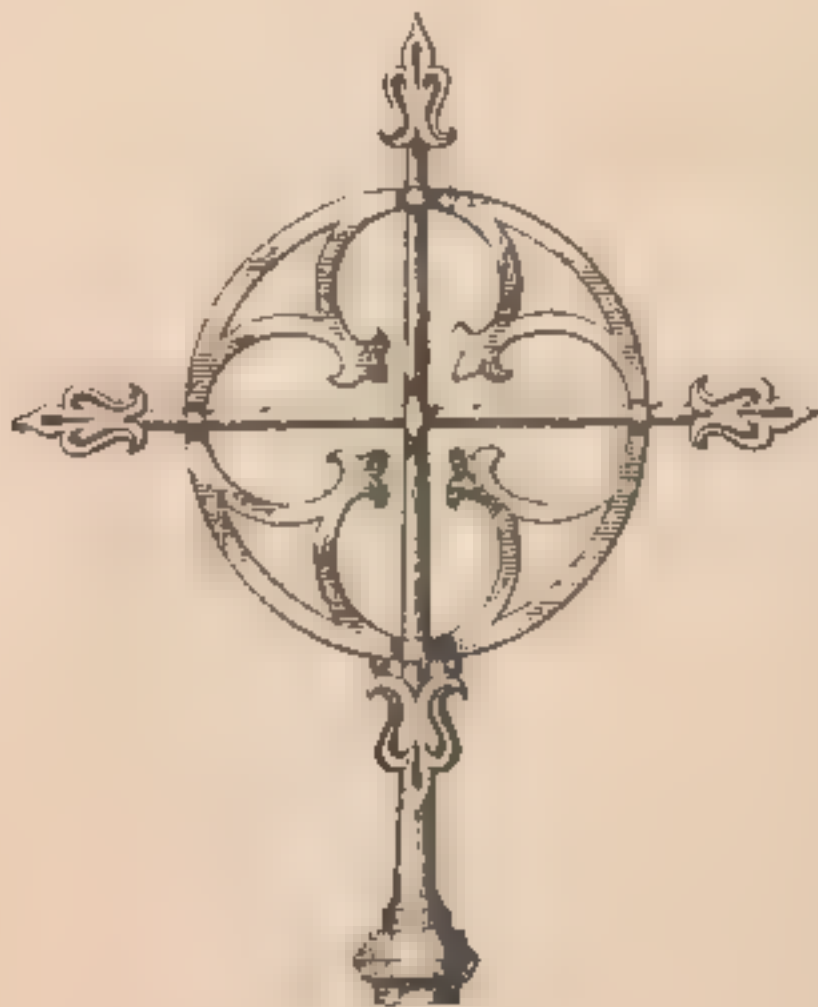


ARMS 4 WAYS

Nº 417



Nº 39

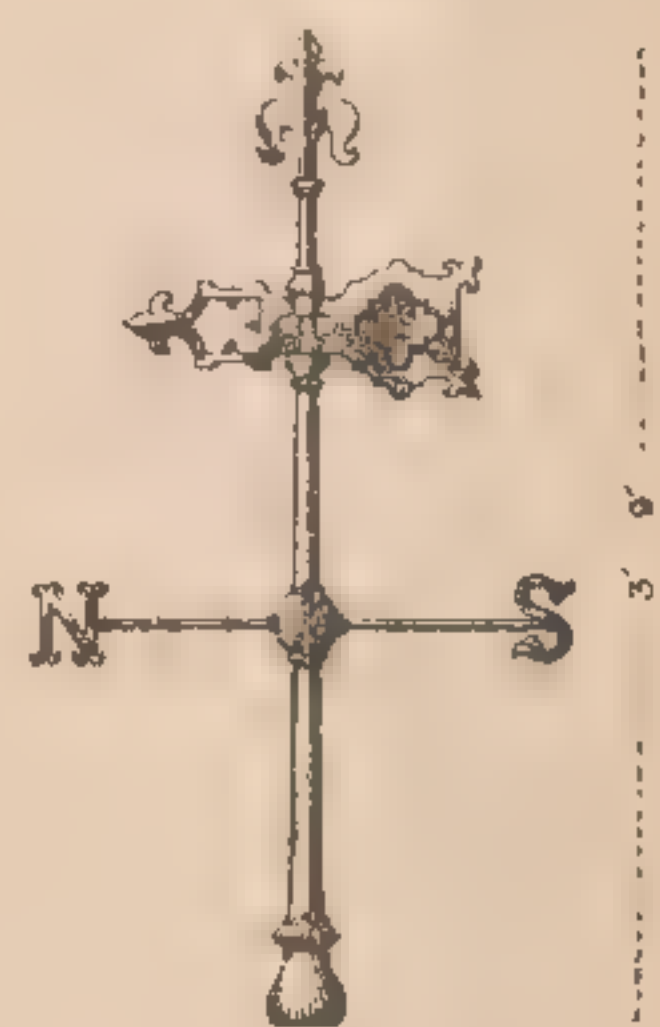


Nº 55



ARMS 2 AND 4 WAYS

Nº 60



SCALE



N° 80



ARMS 4 WAYS

N° 90



ARMS 2 AND 4 WAYS

N° 450



N° 30



ARMS 4 WAYS

N° 402



ARMS 2 AND 4 WAYS

N° 75



ARMS 2 AND 4 WAYS

N° 13



N° 287



ARMS 4 WAYS

N° 181



N° 34



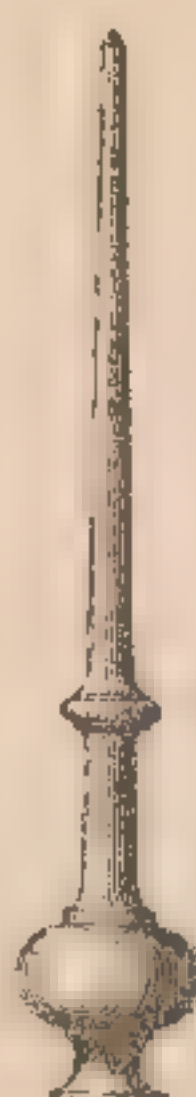
ARMS 4 WAYS

N° 108



ARMS 4 WAYS

N° 17



N° 463



N° 112



SCALE

1 2 3 4

4 FEET

MACFARLANE'S CASTINGS — TERMINALS

N° 232



N° 236



N° 198



N° 47



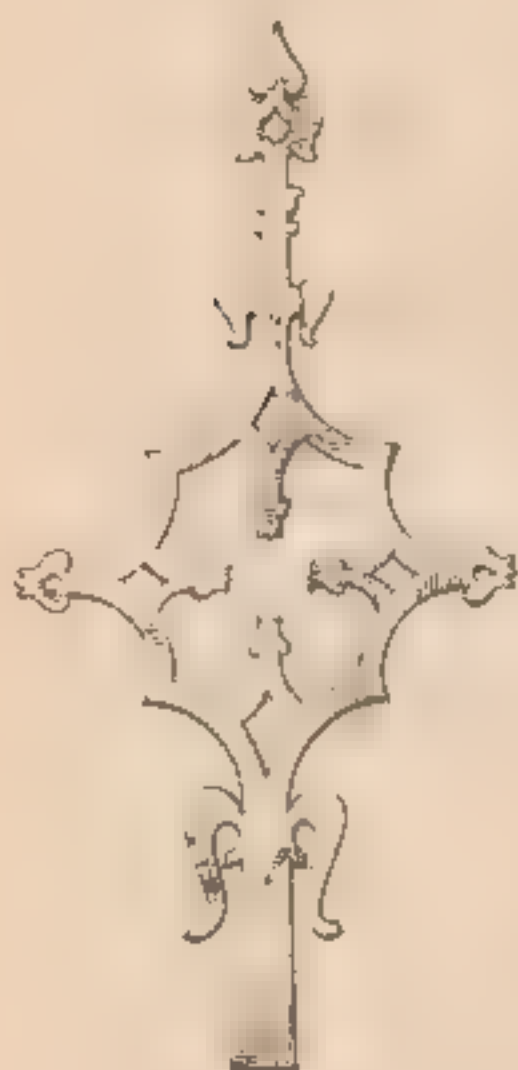
N° 233



N° 63



N° 2



N° 451



N° 68



N°



ARMS 2 AND 4 WAYS

ARMS 2 AND 4 WAYS

N° 57



N° 378



N° 53



ARMS 4 WAYS

N° 24



N° 361



SCALE

2

3

4 FEET



Nº 287



ARMS 4 WAYS

Nº 452



Nº 218



ARMS 2 AND 4 WAYS

Nº 69



Nº 43



Nº 301



Nº 88



ARMS 2 AND 4 WAY

Nº 418



ARMS 4 WAYS

Nº 453



ARMS 2 AND 4 WAYS

Nº 363

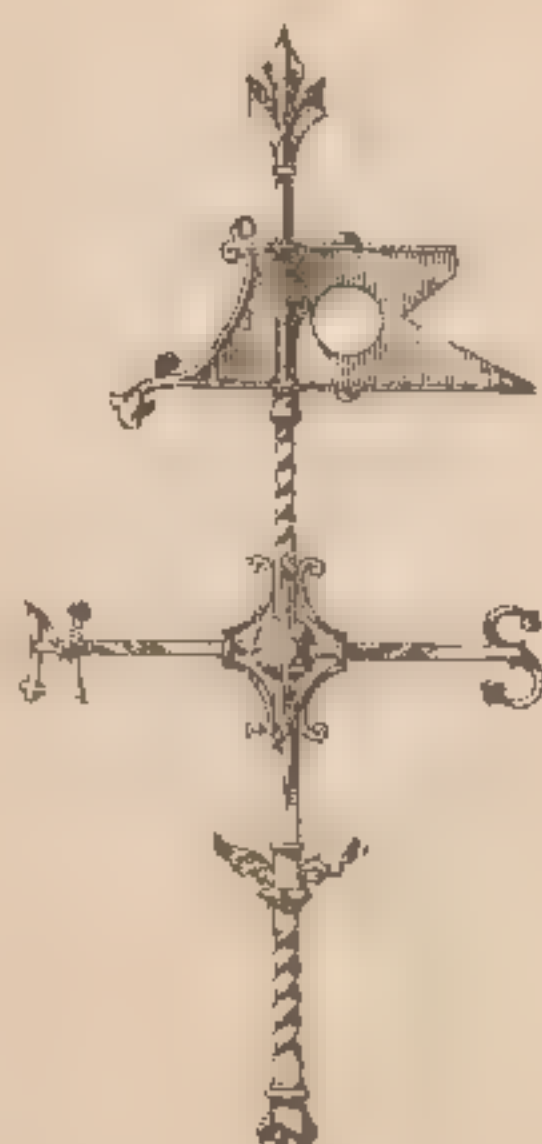


ARMS 2 AND 4 WAYS

Nº 52



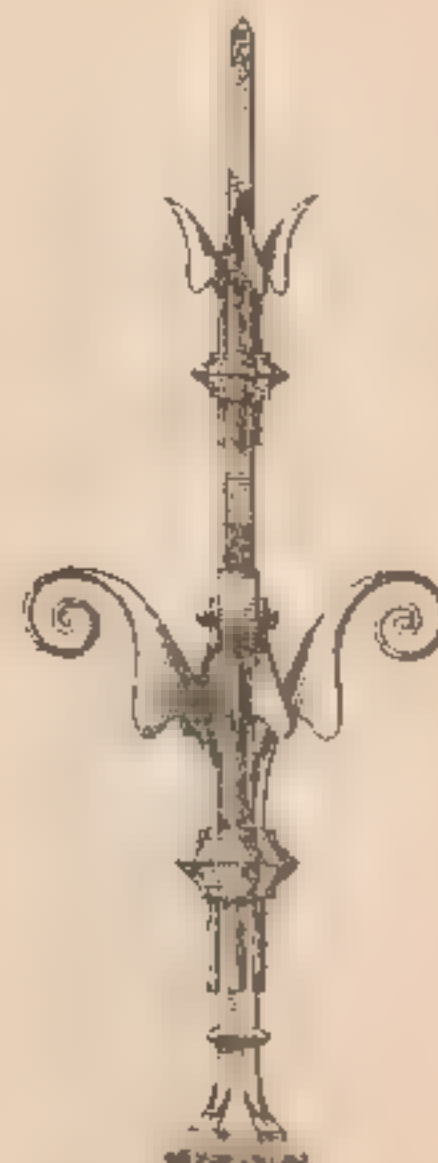
Nº 245



Nº 36



Nº 183



ARMS 4 WAYS

Nº 165



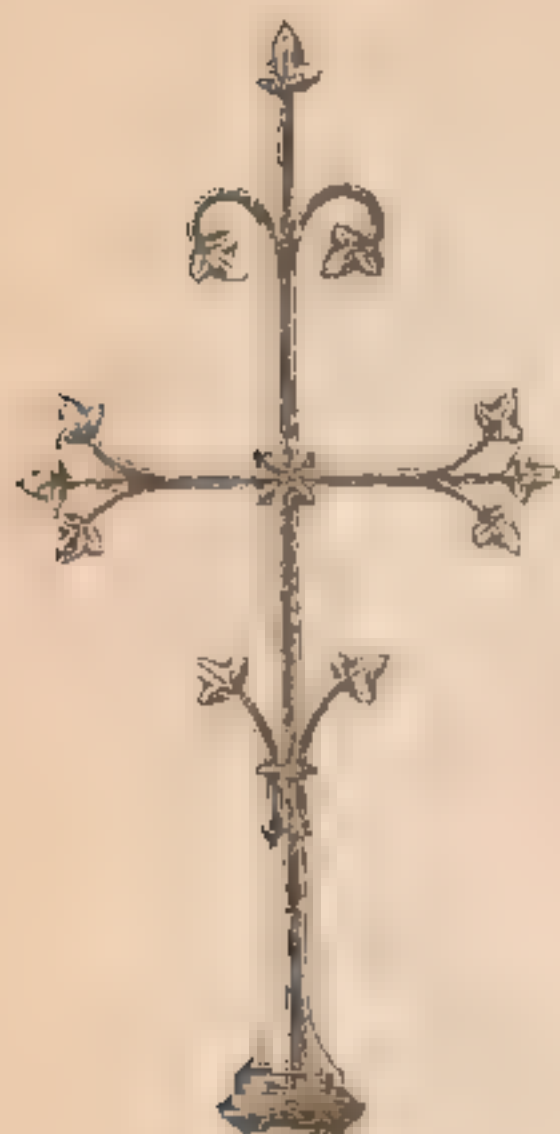
ARMS 2 AND 4 WAYS

SCALE

1 2 3 4 5 6 7 8 9 10

4 FEET

Nº 230



4 3

Nº 111



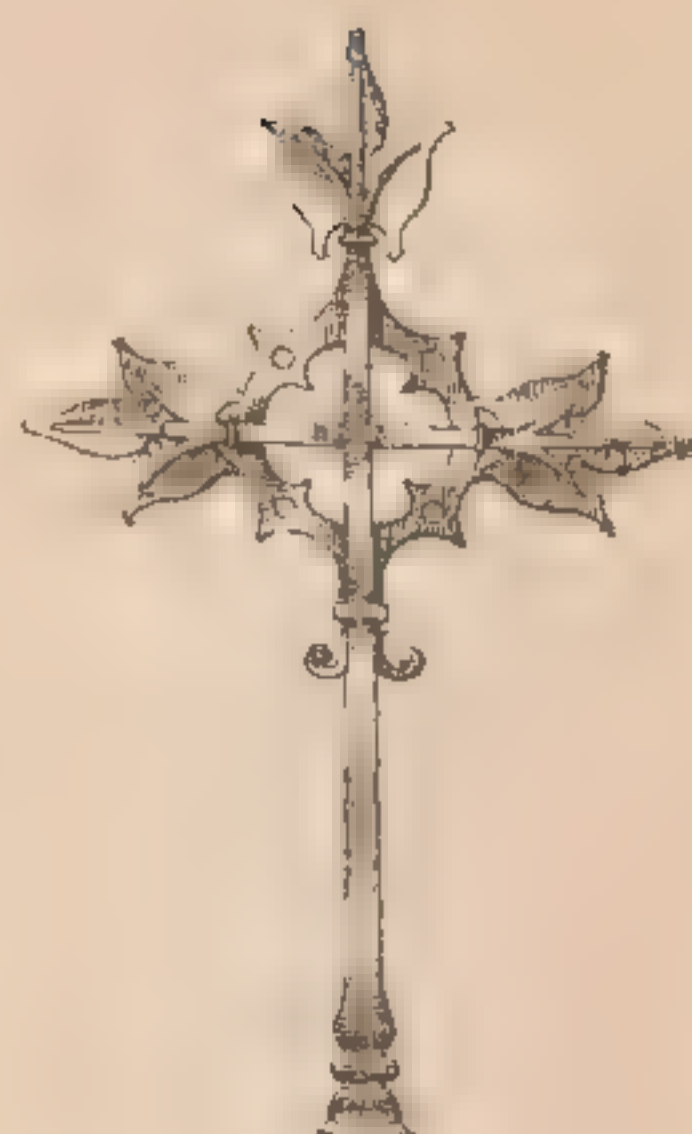
4 4

Nº 137



4 4

Nº 116



4 4

ARMS 4 WAYS

ARMS 2 AND 4 WAYS

Nº 231



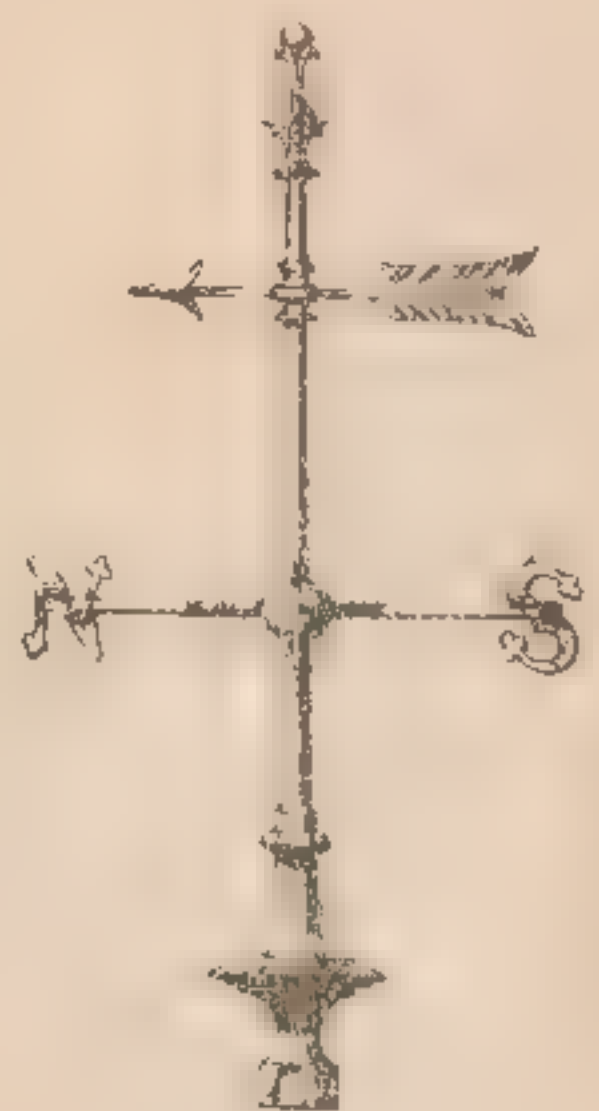
4 5

Nº 53



4 4

Nº 464



4 4

Nº 67

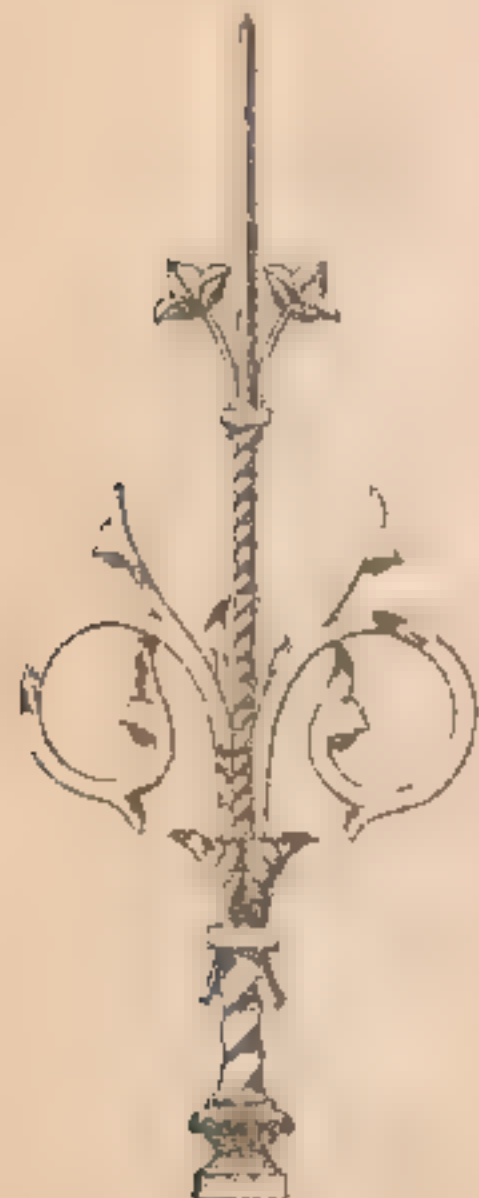


ARMS 2 AND 4 WAYS

ARMS 4 WAYS

ARMS 2 AND 4 WAYS

Nº 107



4 6

Nº 15



4 4

Nº 3



4 4

Nº 112



ARMS 2 AND 4 WAYS

ARMS 4 WAYS

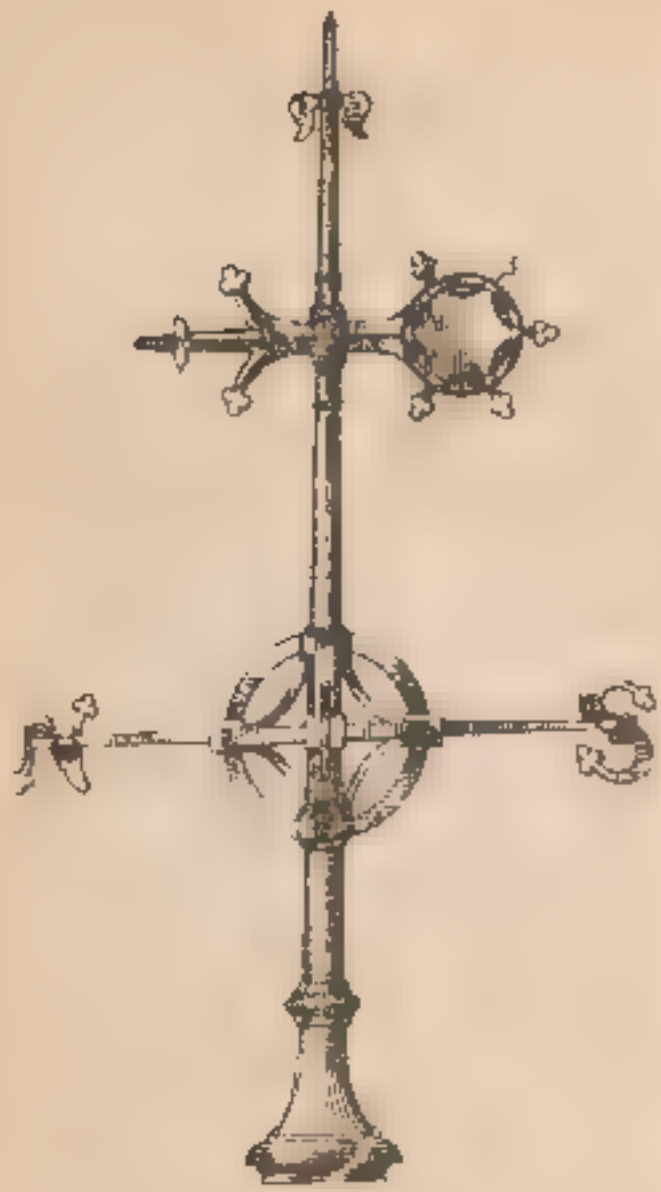
ARMS 4 WAYS

SCALE

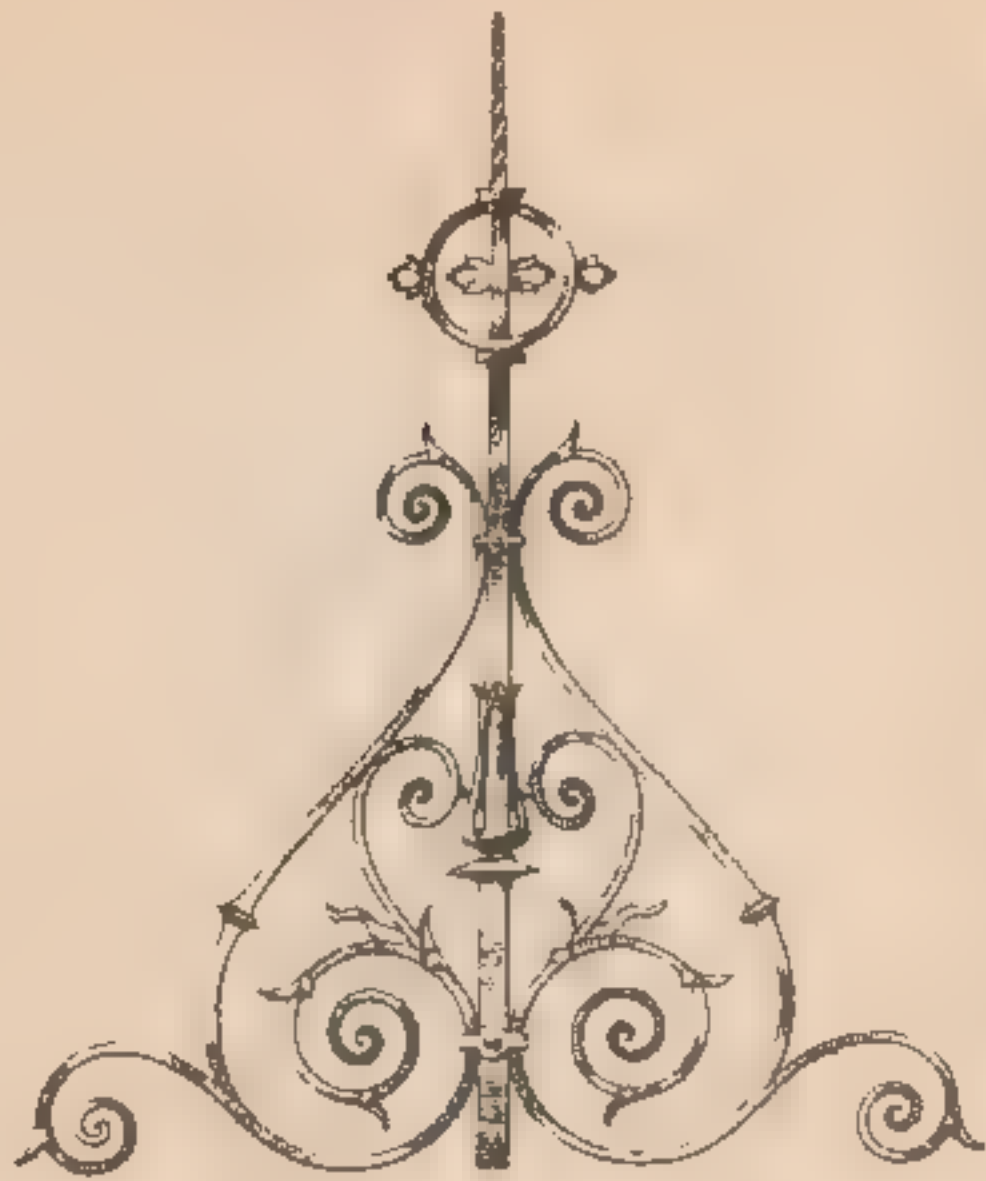
1

4 FEET

Nº 62



Nº 430



Nº 118



Nº 400

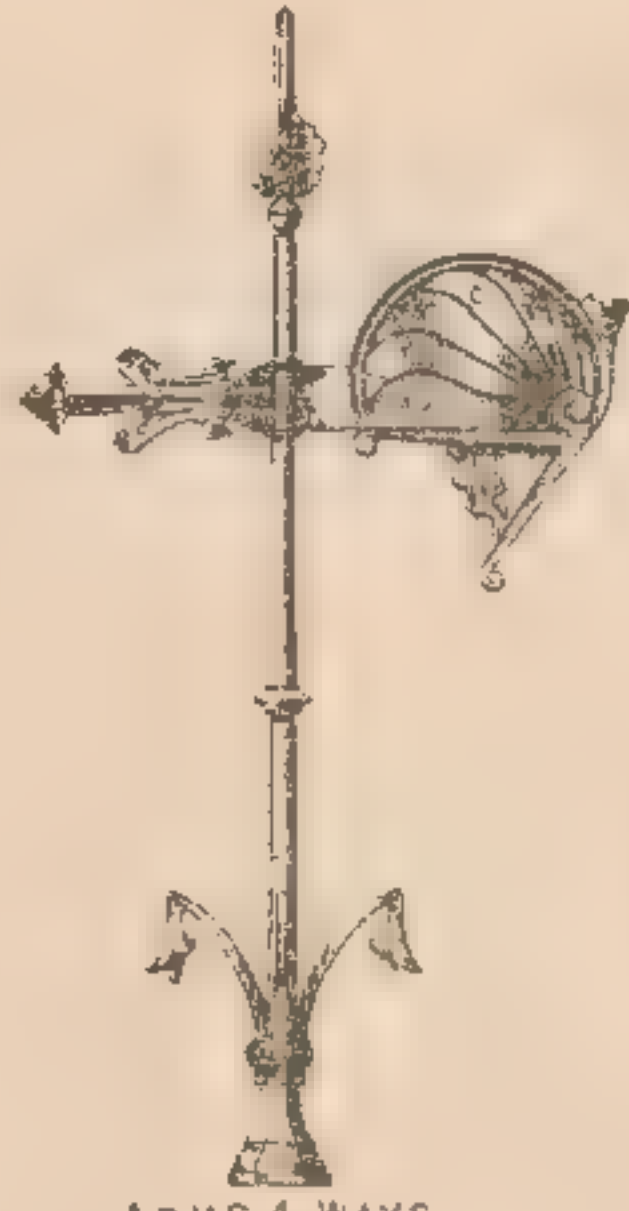


Nº 462



ARMS 2 AND 4 WAYS

Nº 207



ARMS 4 WAYS

Nº 53



ARMS 4 WAYS

Nº 158



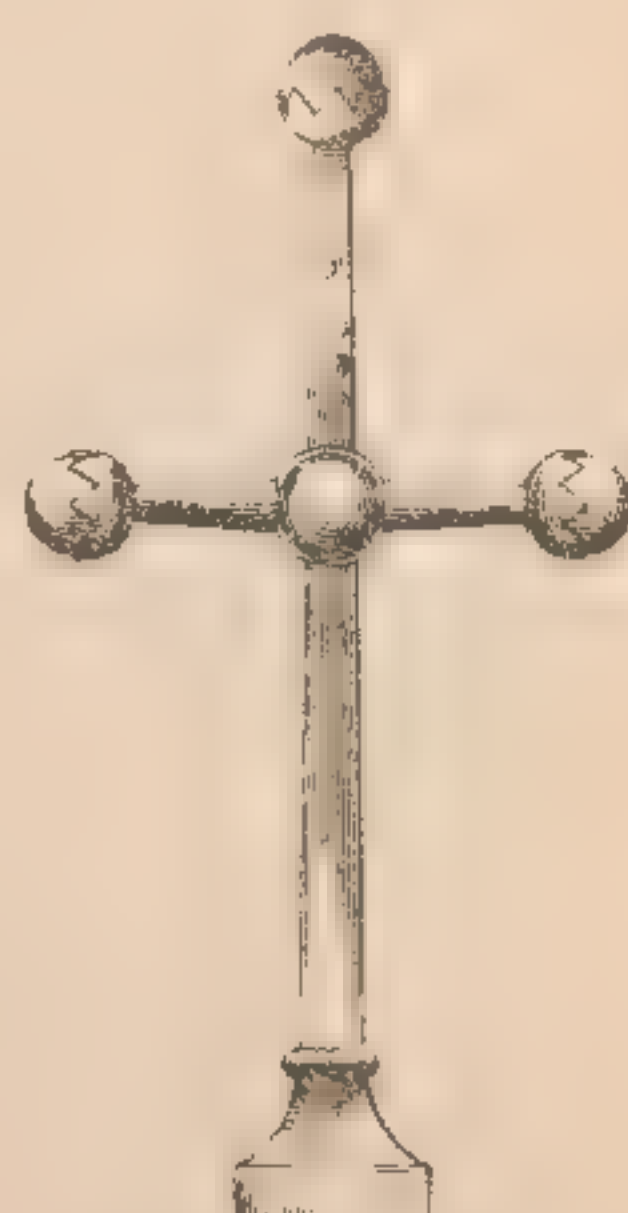
ARMS 4 WAYS

Nº 26



5 OF VIEW A

Nº 135



ARMS 2 AND 4 WAYS

Nº 128



ARMS 4 WAYS

SCALE

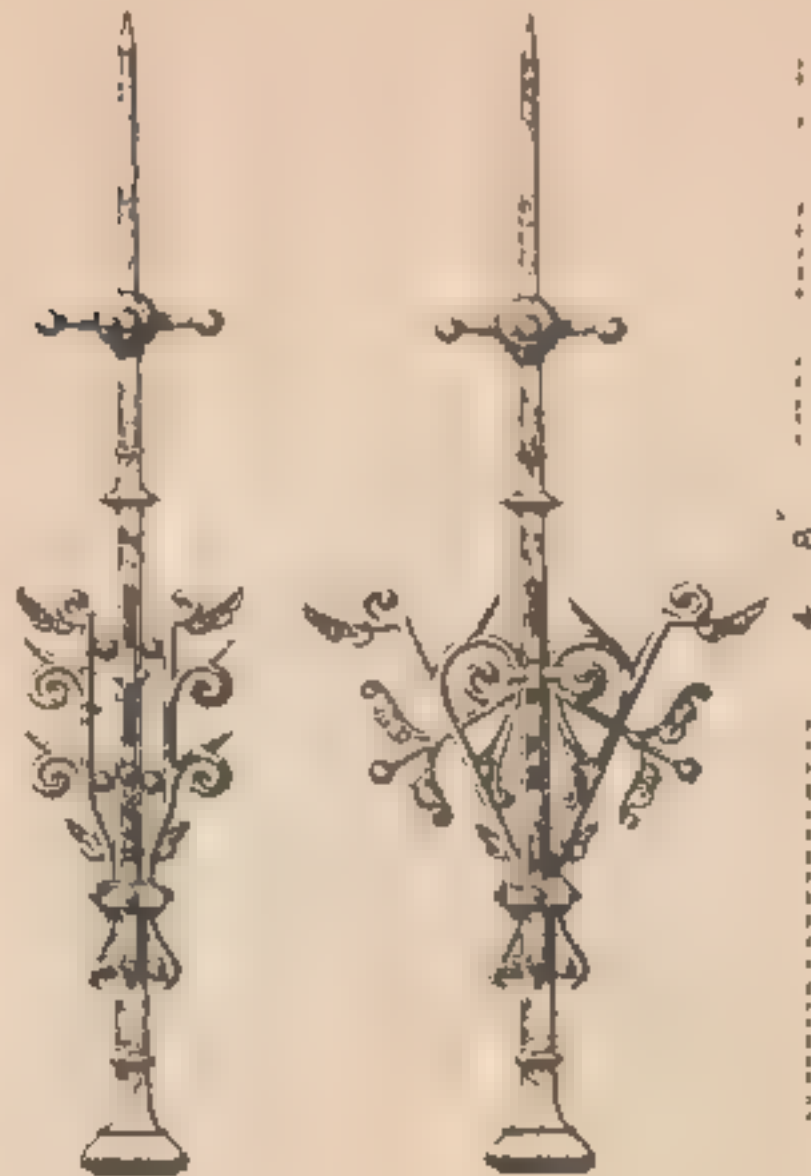
1 2 3 4 FEET

Nº 31



ARMS 2 AND 4 WAYS

Nº 364



Nº 6



Nº 158

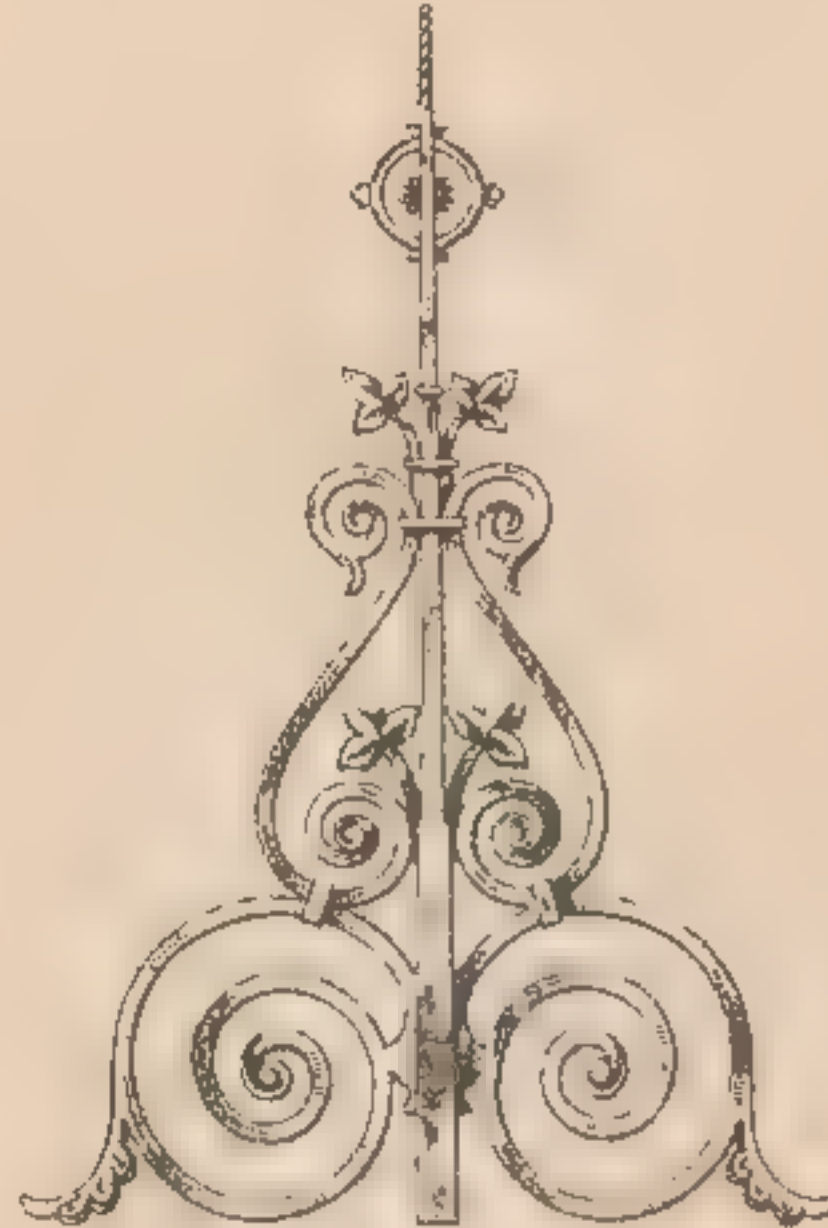


ARMS 4 WAYS

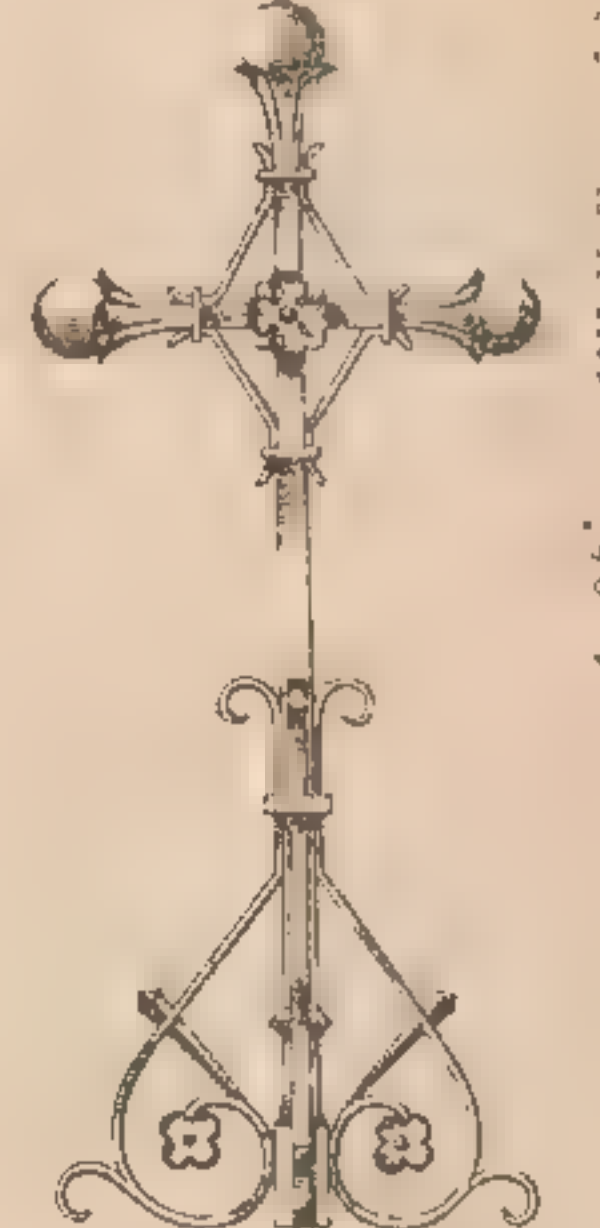
Nº 244



Nº 138



Nº 177



Bottom scrolls 4 ways

Nº 55



ARMS 2 AND 4 WAYS

Nº 34



ARMS 4 WAYS

Nº 417



Nº 21



Nº 53



ARMS 4 WAYS



Nº 360



ARMS 2 AND 4 WAYS

Nº 463



Nº 108



ARMS 4 WAYS

Nº 449



ARMS 2 AND 4 WAYS

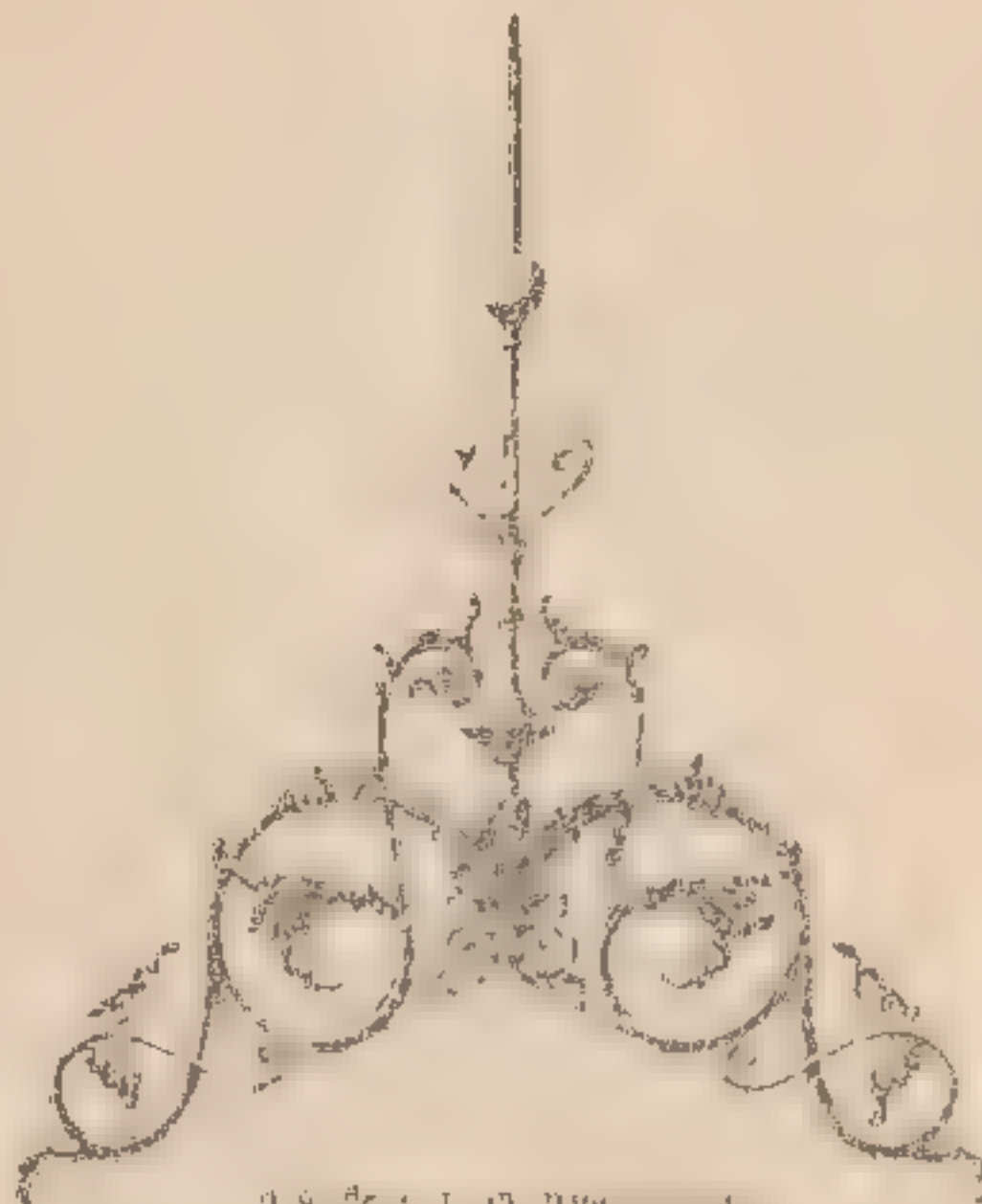
Nº 42



Nº 368



Nº 321



Nº 33



Nº 128



Nº 204

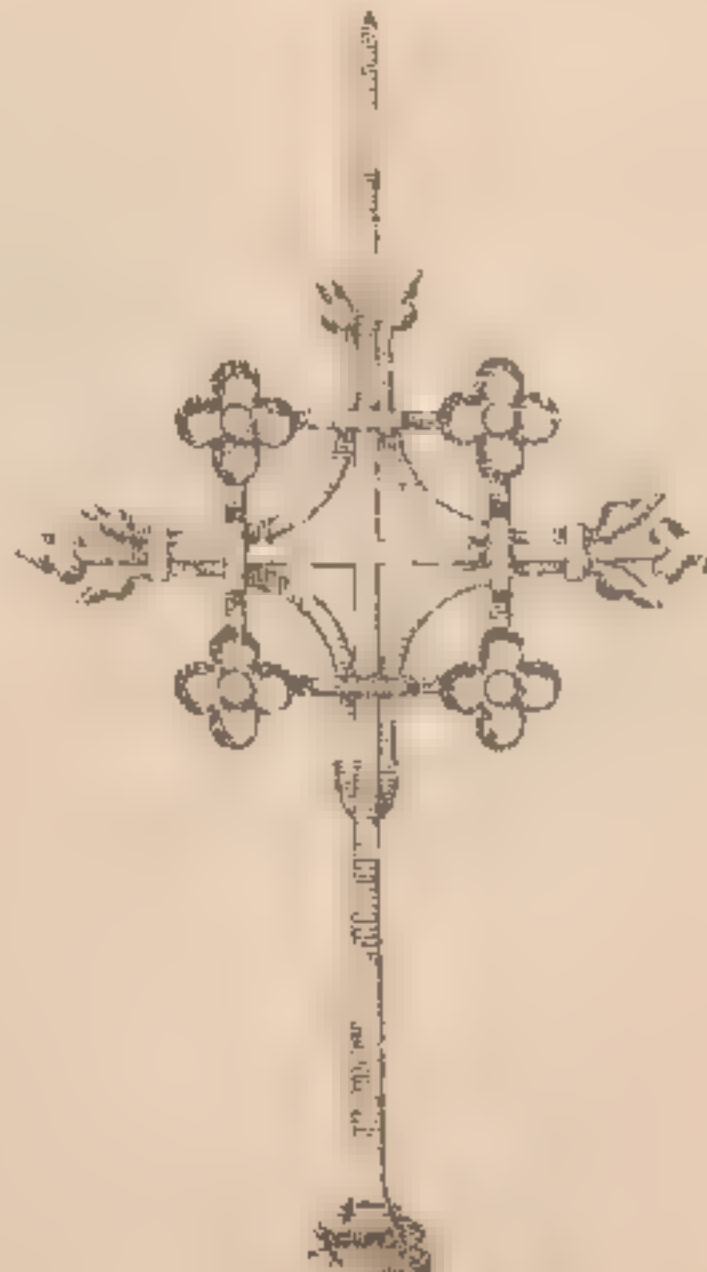


Bottom scrolls 2 and 4 ways,
etc. made to any required level.

Nº 54



Nº 34



Nº 308



ARMS 2 AND 4 WAYS

SCALE

4 FEET

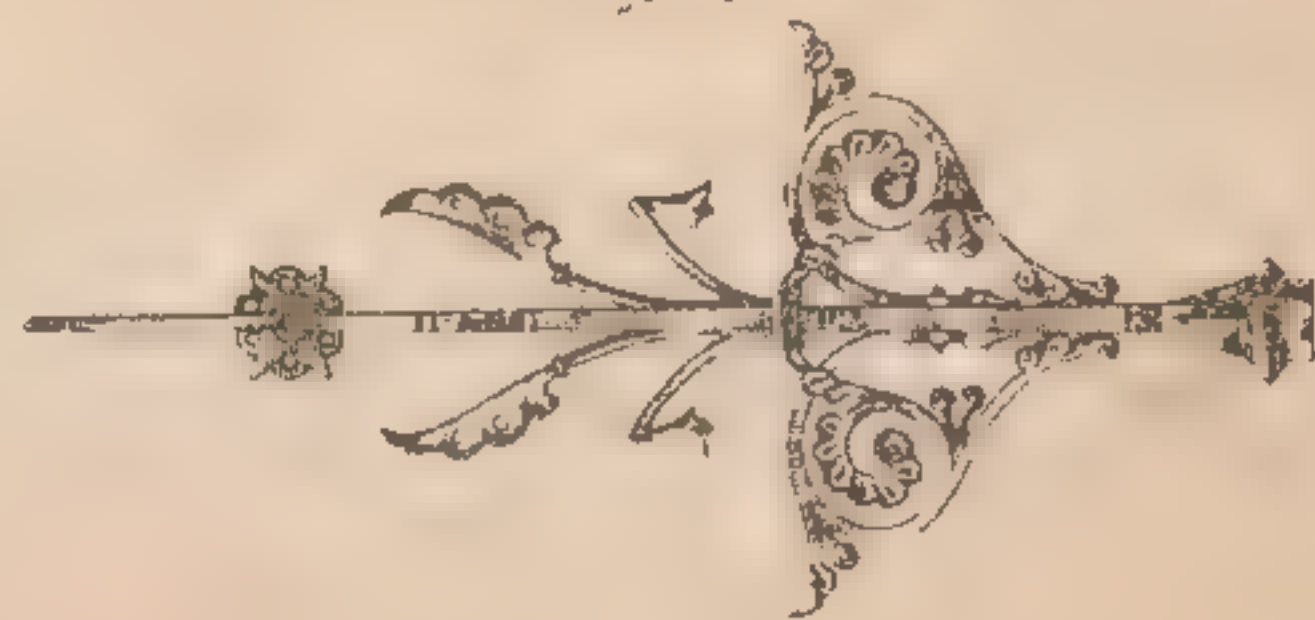
MACFARLANE'S CASTINGS — TERMINALS

No 438



15' 0" long
Also 12' 6" long

No 146



ARMS 2 AND 4 WAYS

No 54



ARMS 4 WAYS

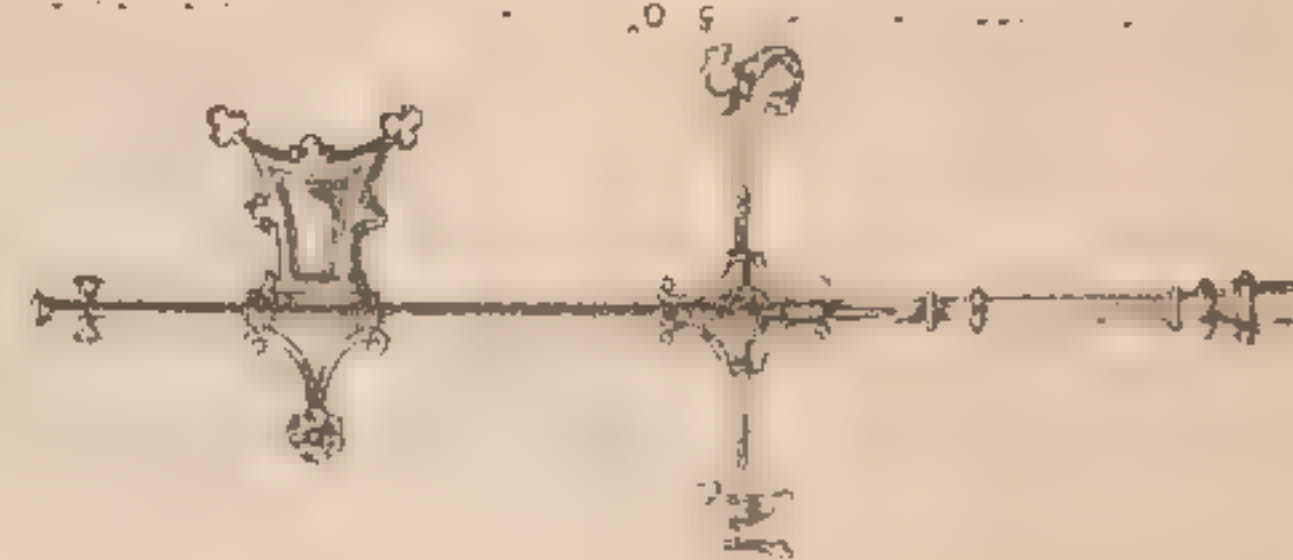
No 24



No 21



No 24



No 25



ARMS 2 AND 4 WAYS

SCALE
1" = 1' 0"

4 FEET

3

2

1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

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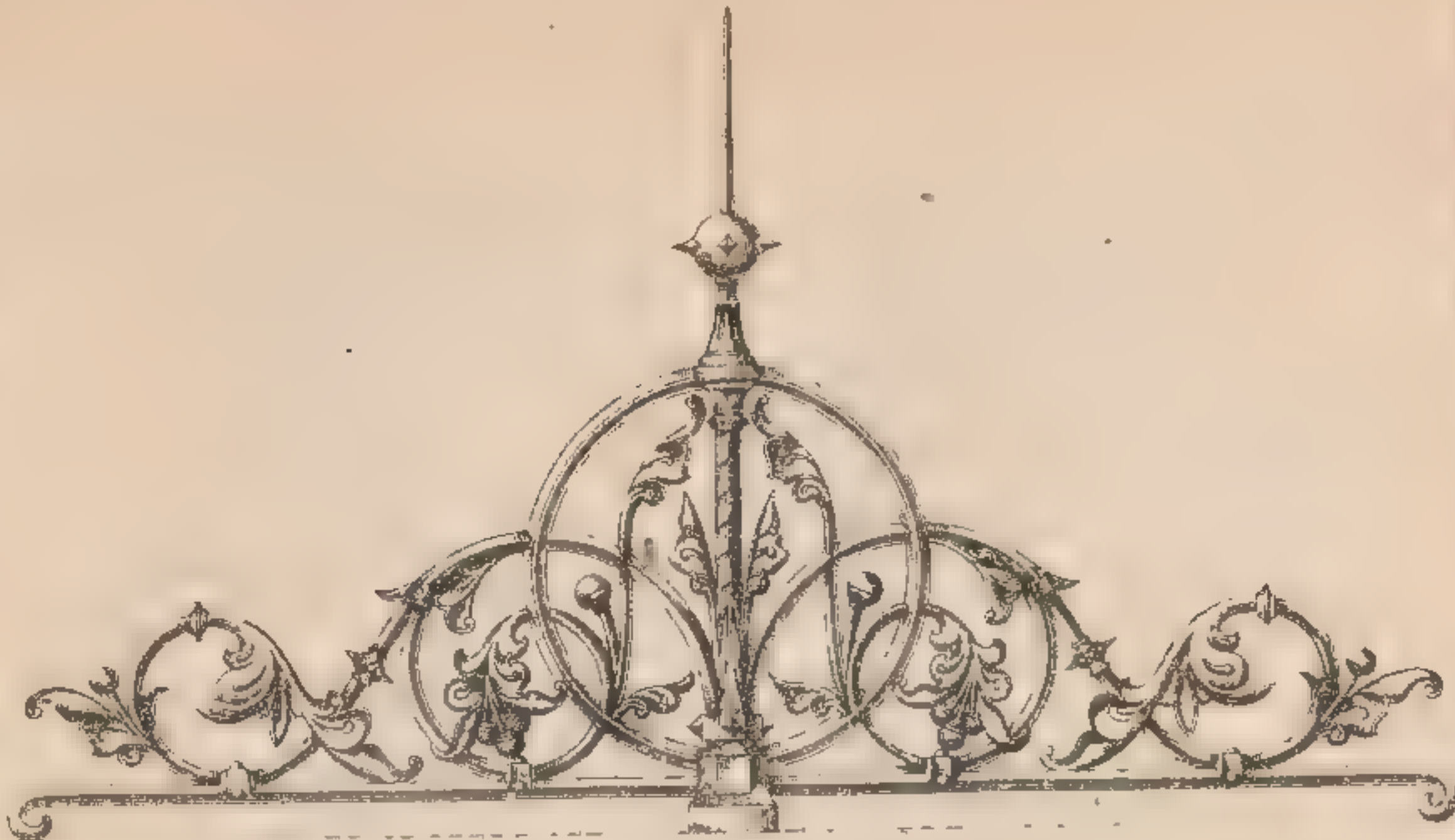
280

Nº 3



ARMS 4 WAYS

Nº 173



Nº 30



ARMS 4 WAYS

Nº 53



ARMS 4 WAYS

Nº 137



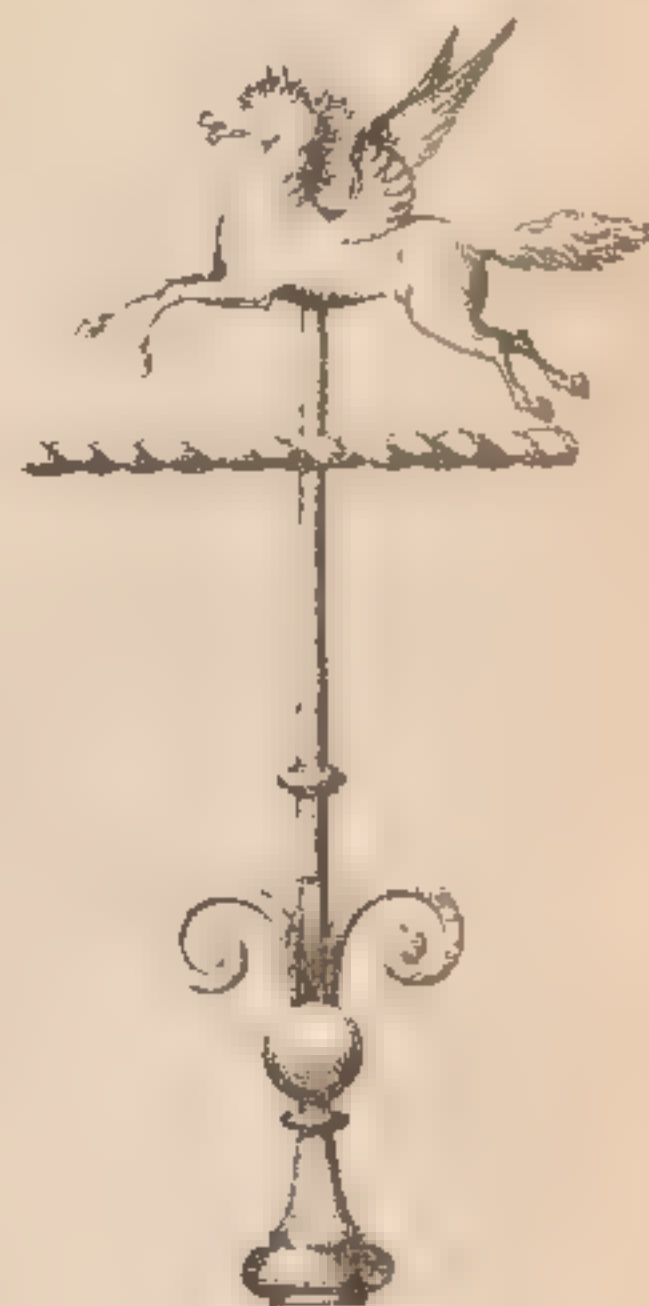
ARMS 2 AND 4 WAYS

Nº 378



Bottom arm is 2 and 4 ways, made to any required size

Nº 53



ARMS 4 WAYS

Nº 29



ARMS 4 WAYS

Nº 22



Nº 450



SCALE

Nº 23

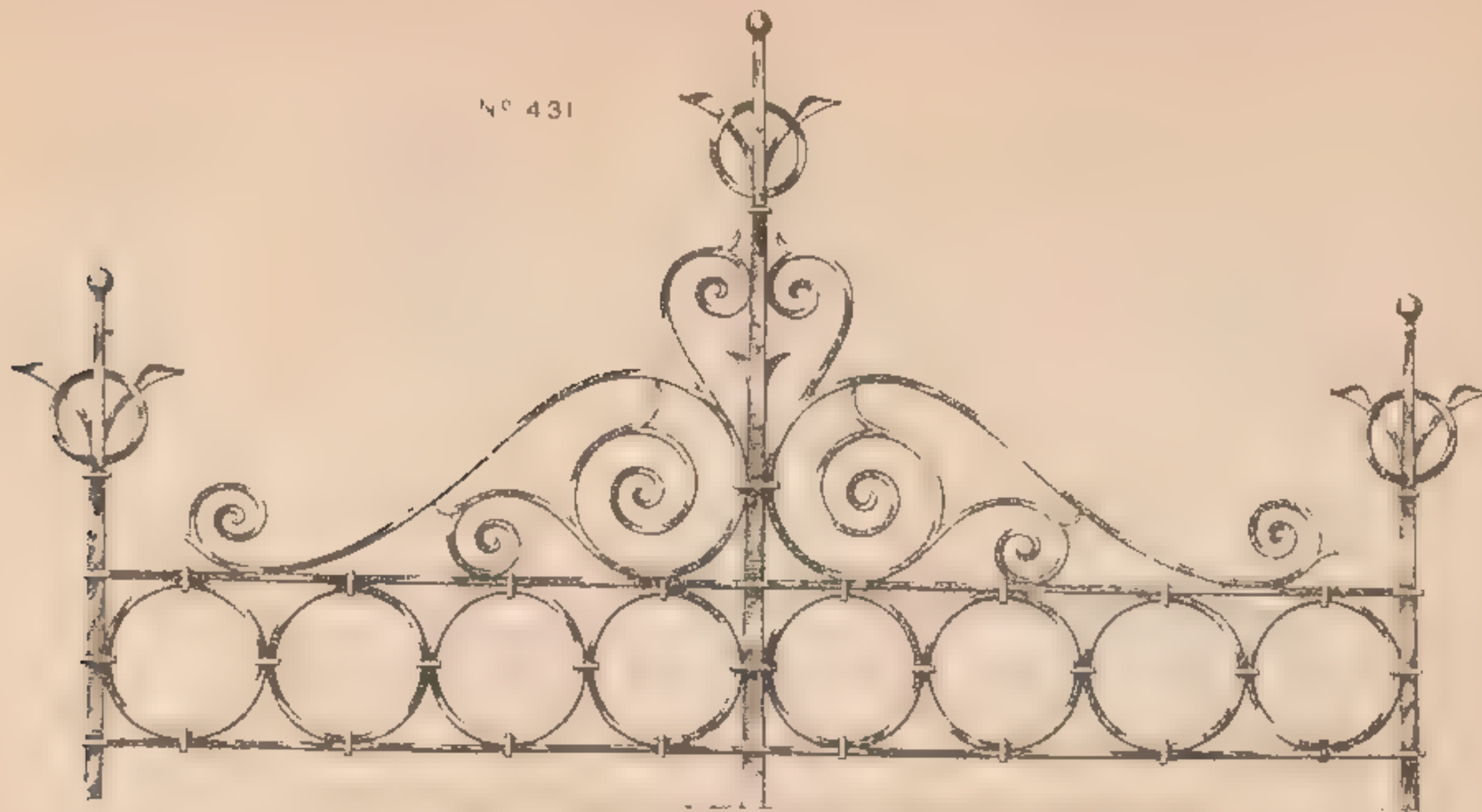


ARMS 2 AND 4 WAYS

Nº 422



ARMS 4 WAYS



No 431

8 6"



No 27

ARMS 4 WAYS



No 29

ARMS 4 WAYS



No 247



No 184

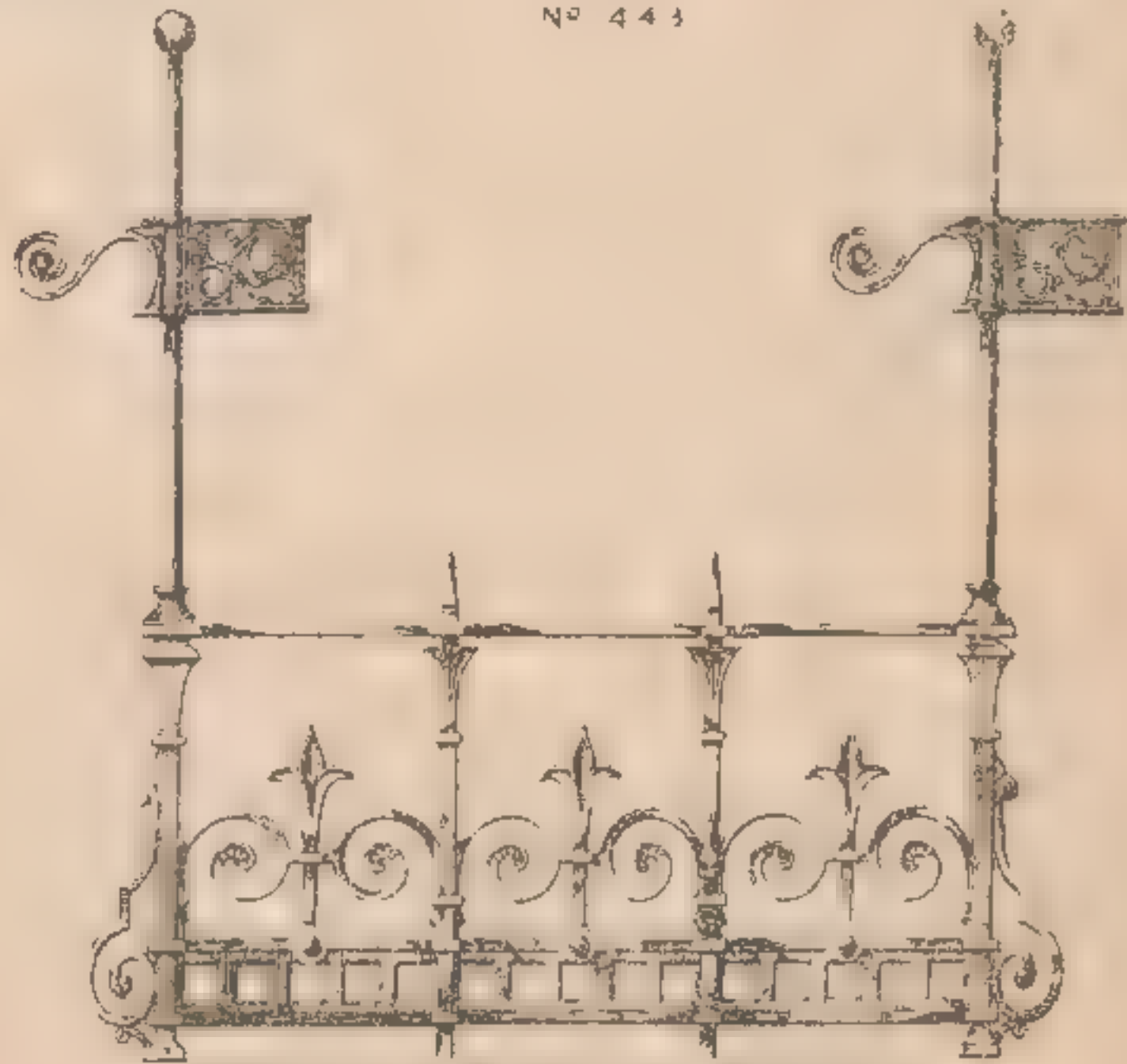


No 23

ARMS 4 WAYS



No 251



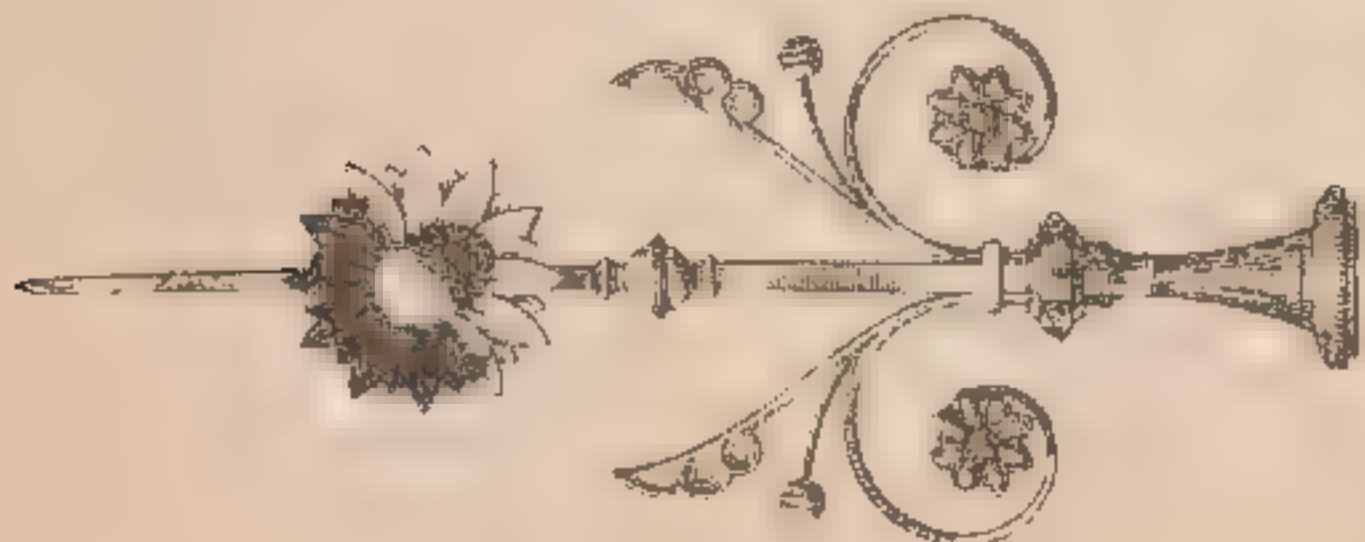
No 443

Nos 247, 251, 431, and 443 supplied for Plats as well as Ridge K... for sizes to order.

SCALE

MACFARLANE'S CASTINGS — TERMINALS

No 383



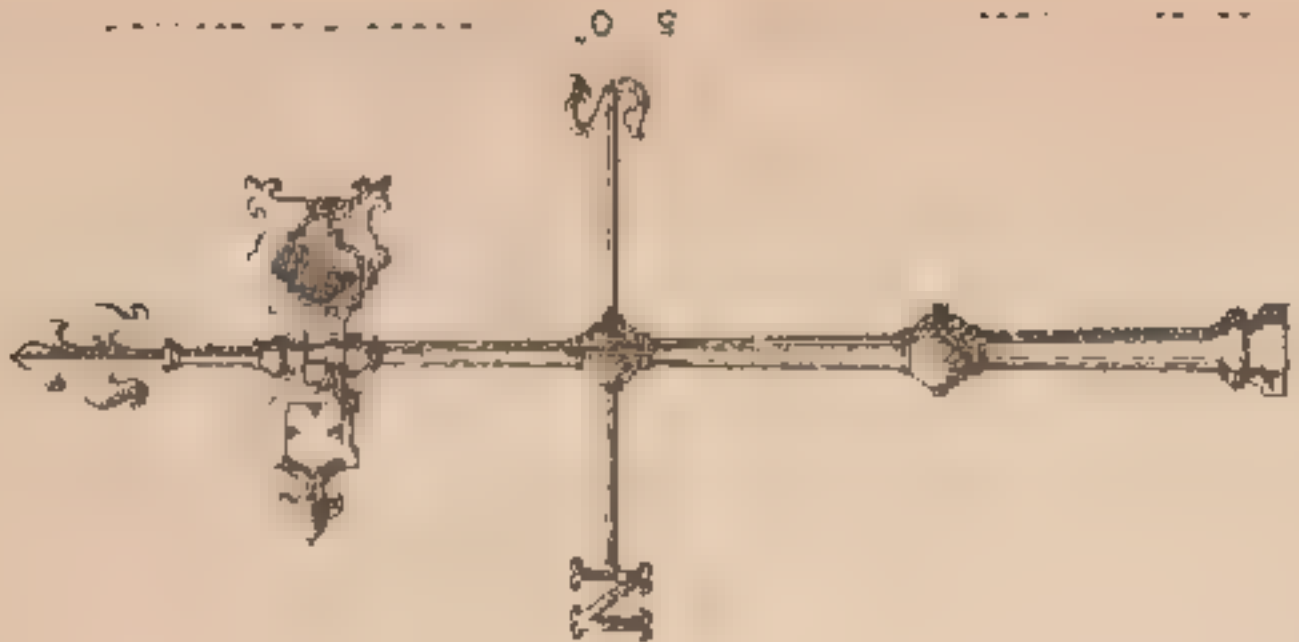
No 441



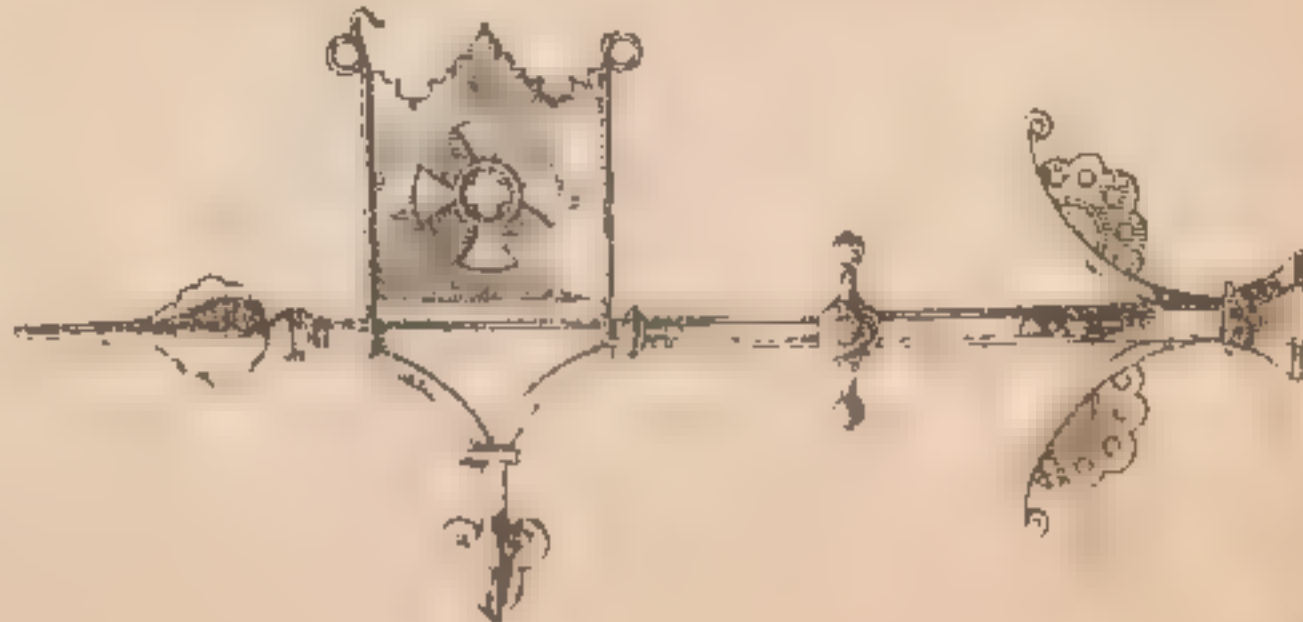
No 183



No 60

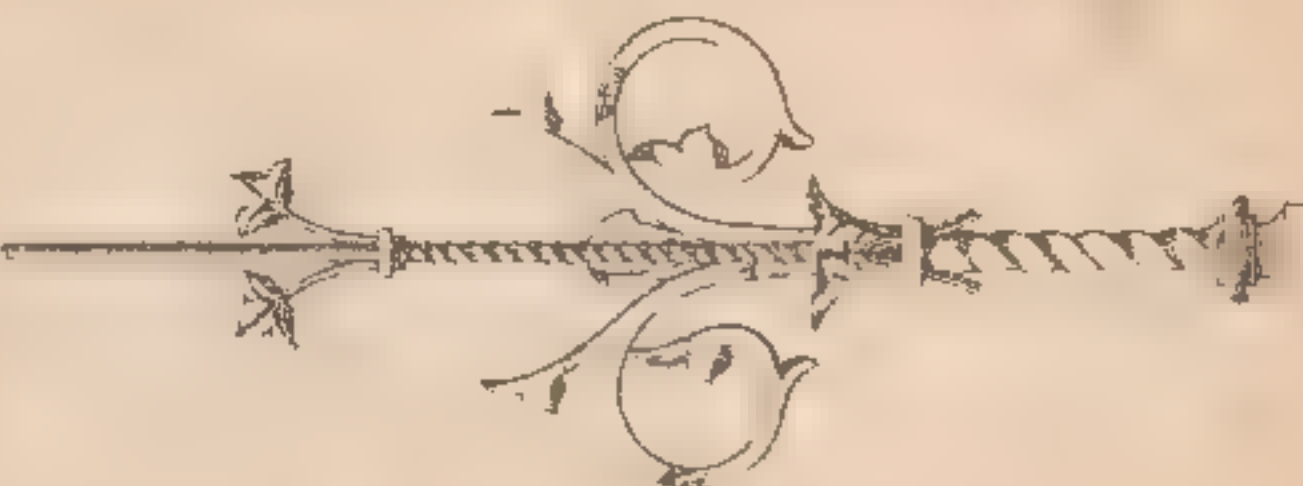


No 362



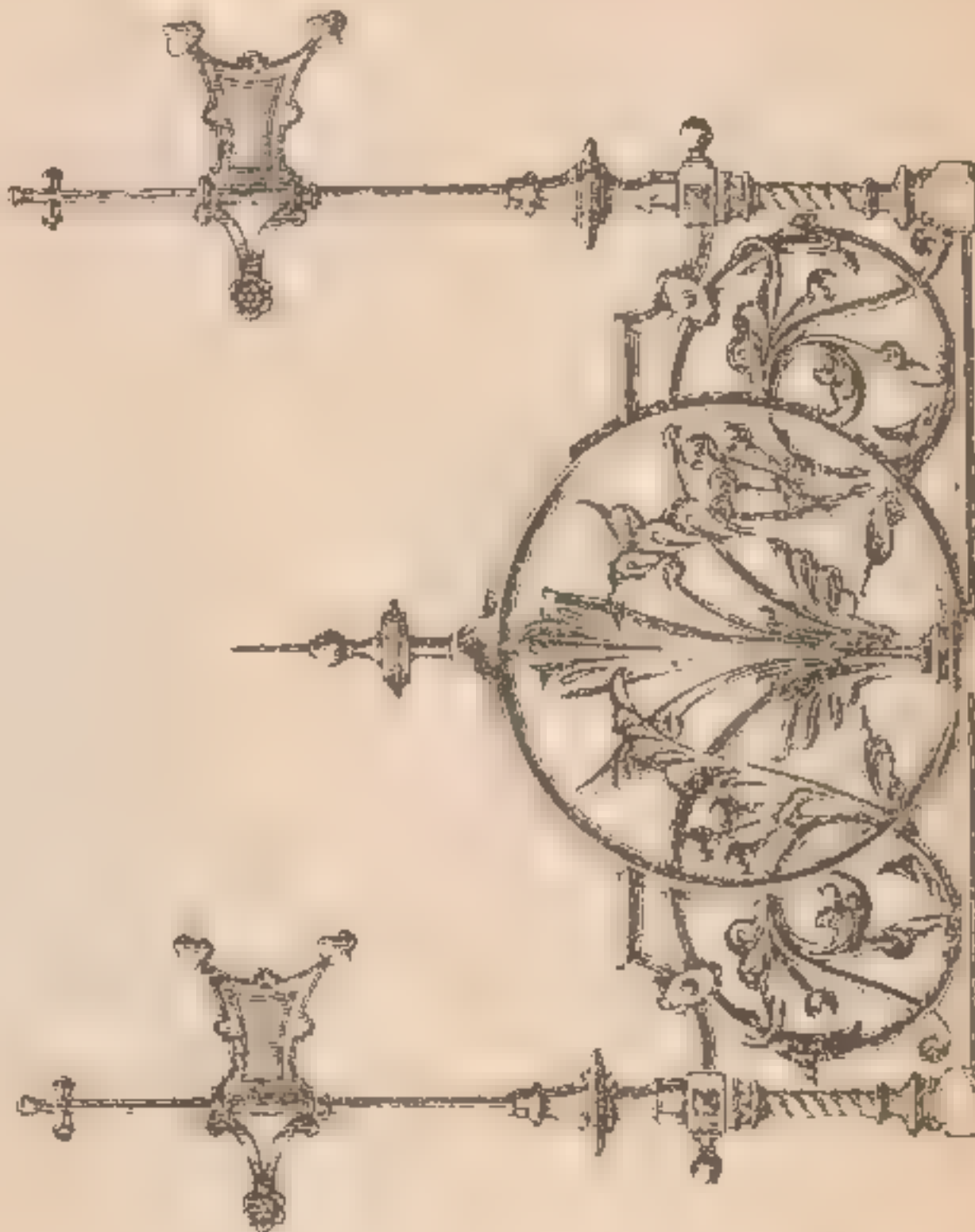
ARMS 4 WAYS

No 107



ARMS 2 AND 4 WAYS

No 53



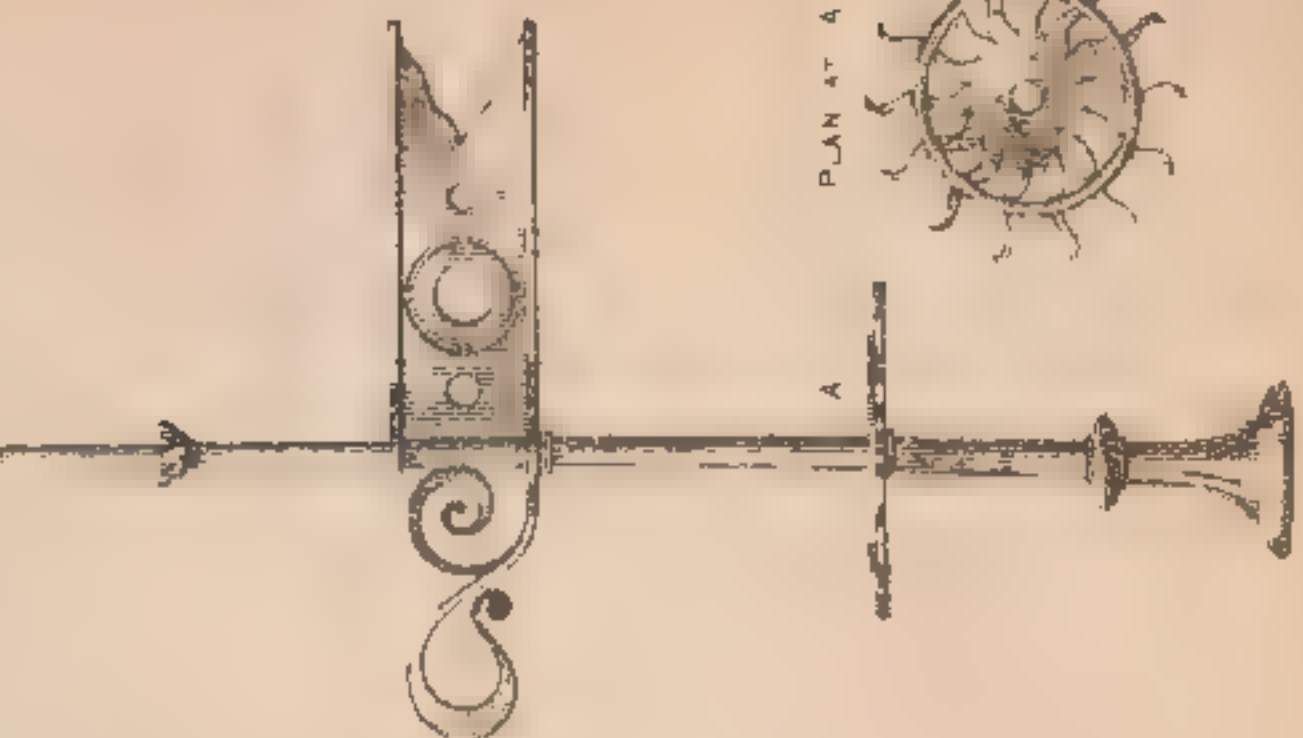
Nos 103, and 44, supplied for Plats as well as Ridge Roofs—other sizes to order

No 87



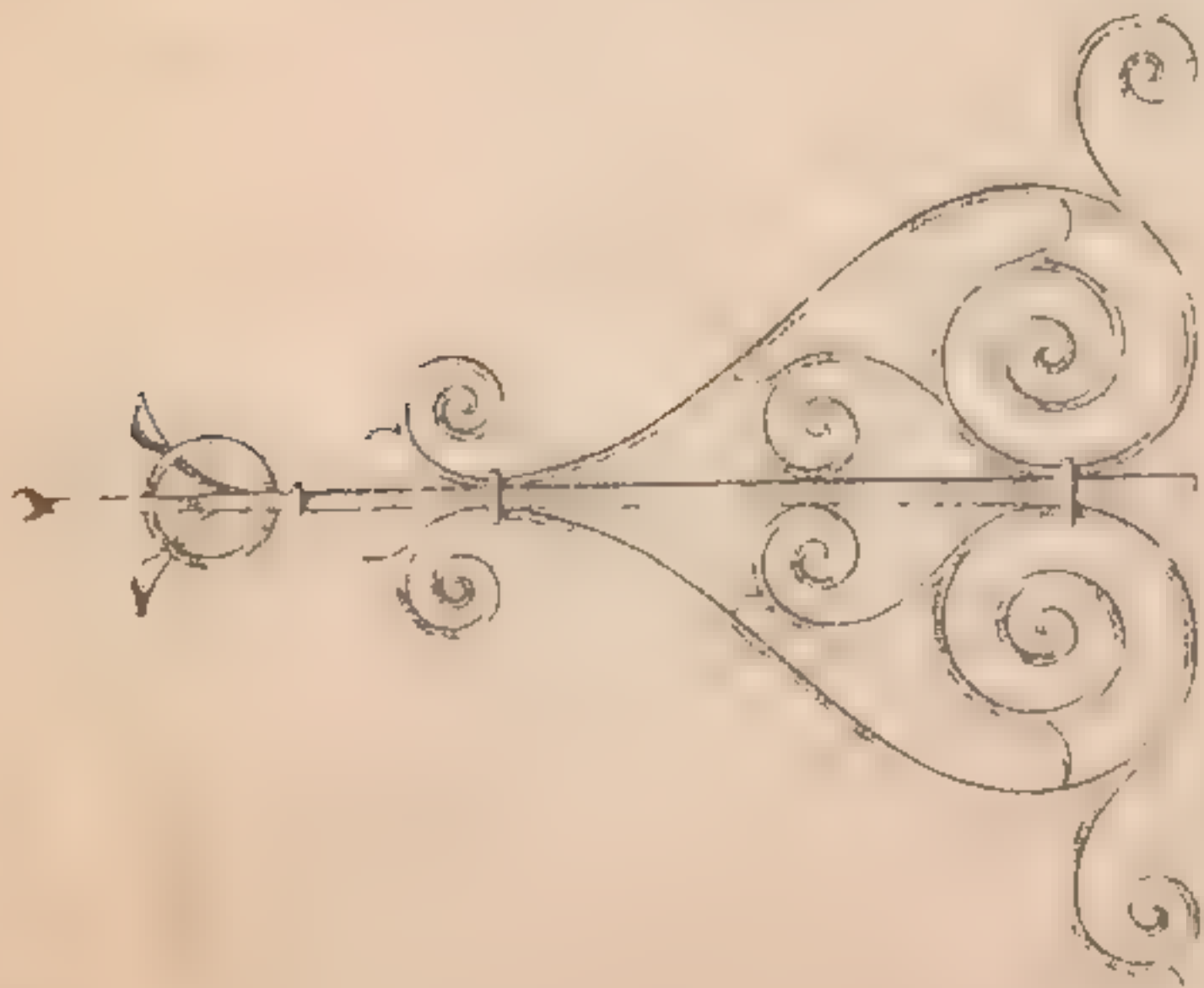
ARMS 2 AND 4 WAYS

No 349



PLAN AT A

No 430



No 158



ARMS 4 WAYS

No 139



ARMS 2 AND 4 WAYS

No 462



ARMS 2 AND 4 WAYS

No 275



No 57



No 88

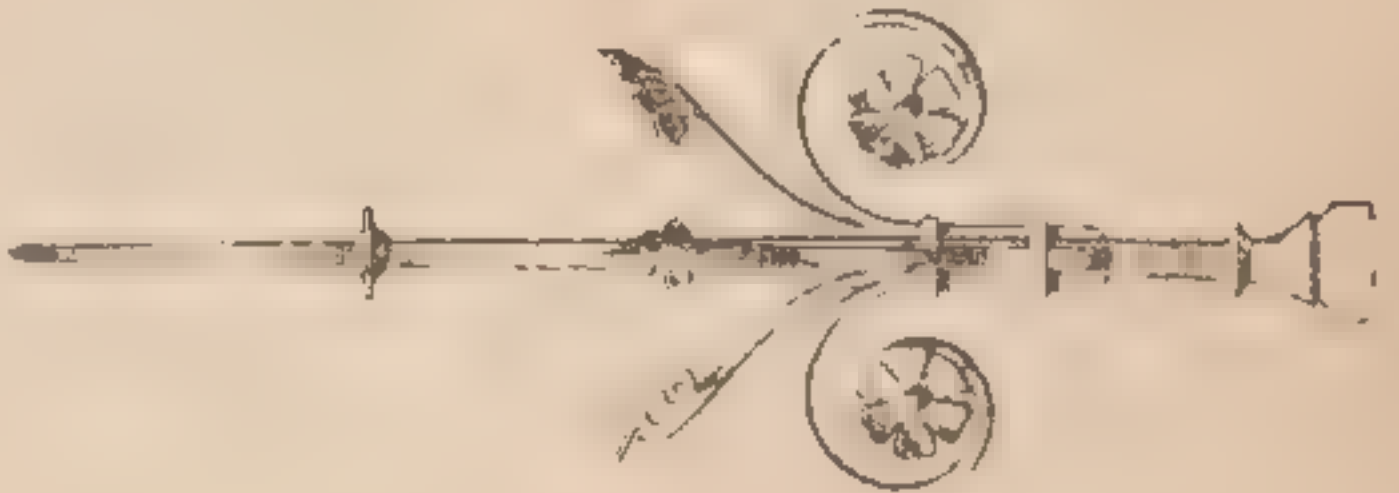


ARMS 2 AND 4 WAYS

No 58



No 283



ARMS 2 AND 4 WAYS

No 18



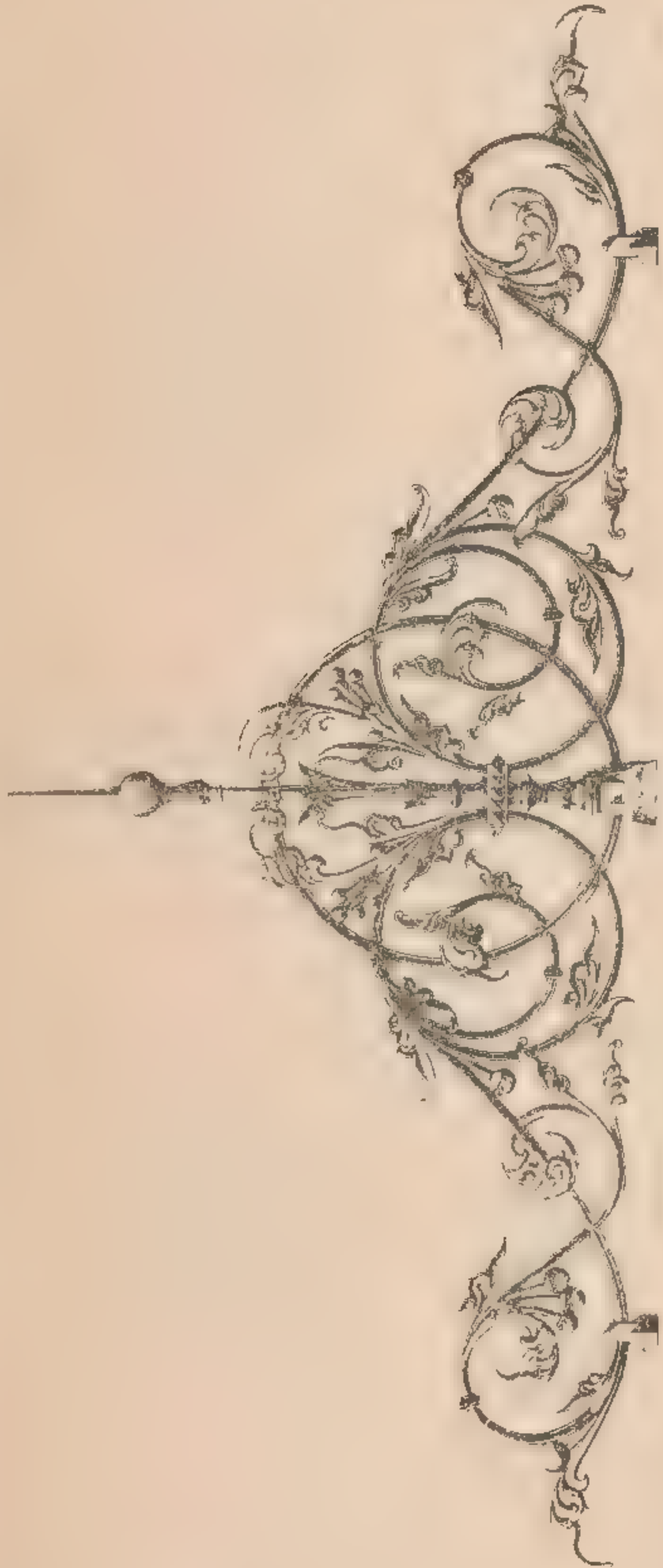
MACRAMÉ PLAINES CAS NO — TERMINALS

Nº 165



ARMS 2 AND 4 WAYS

Nº 74



Nº 03



ARMS 4 WAYS

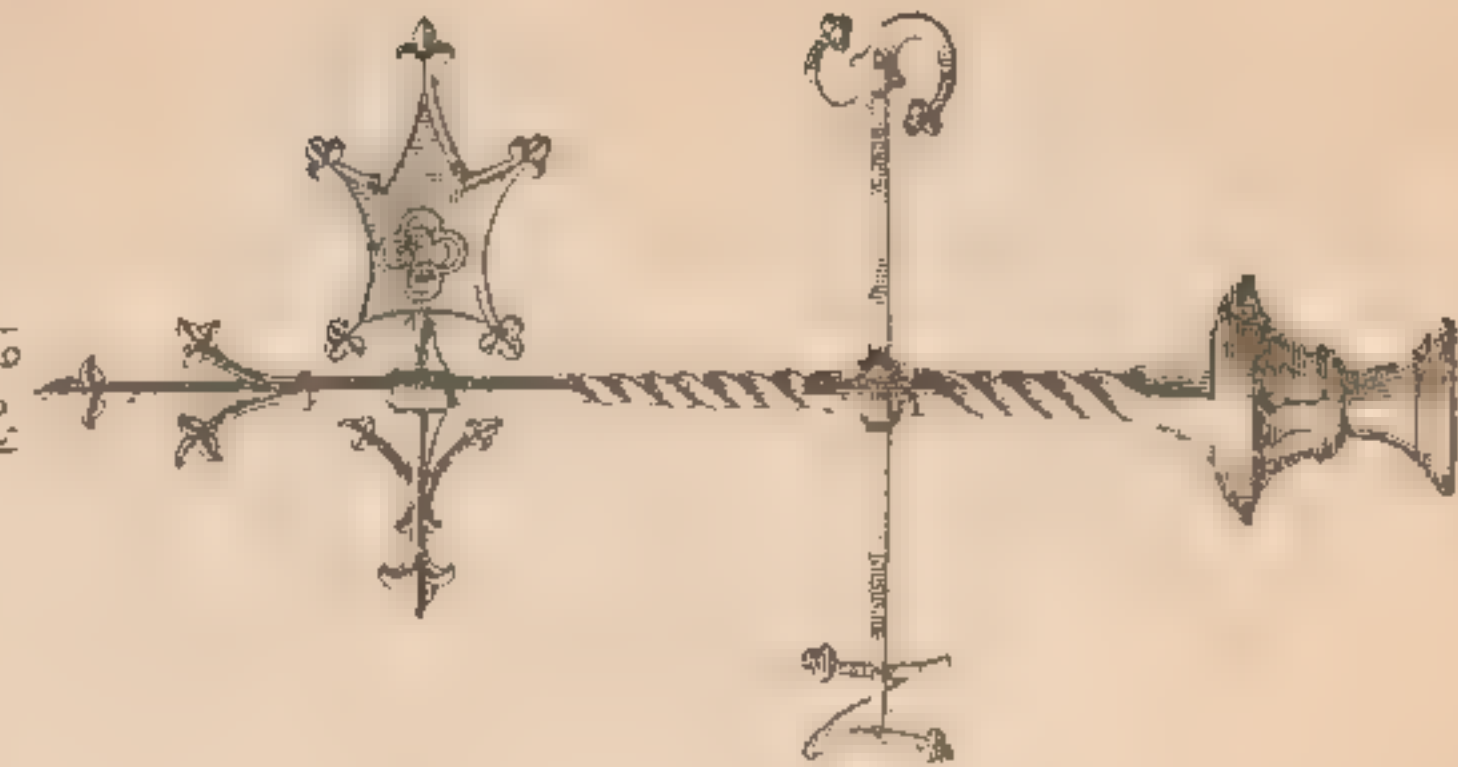
Nº 59



Nº 442

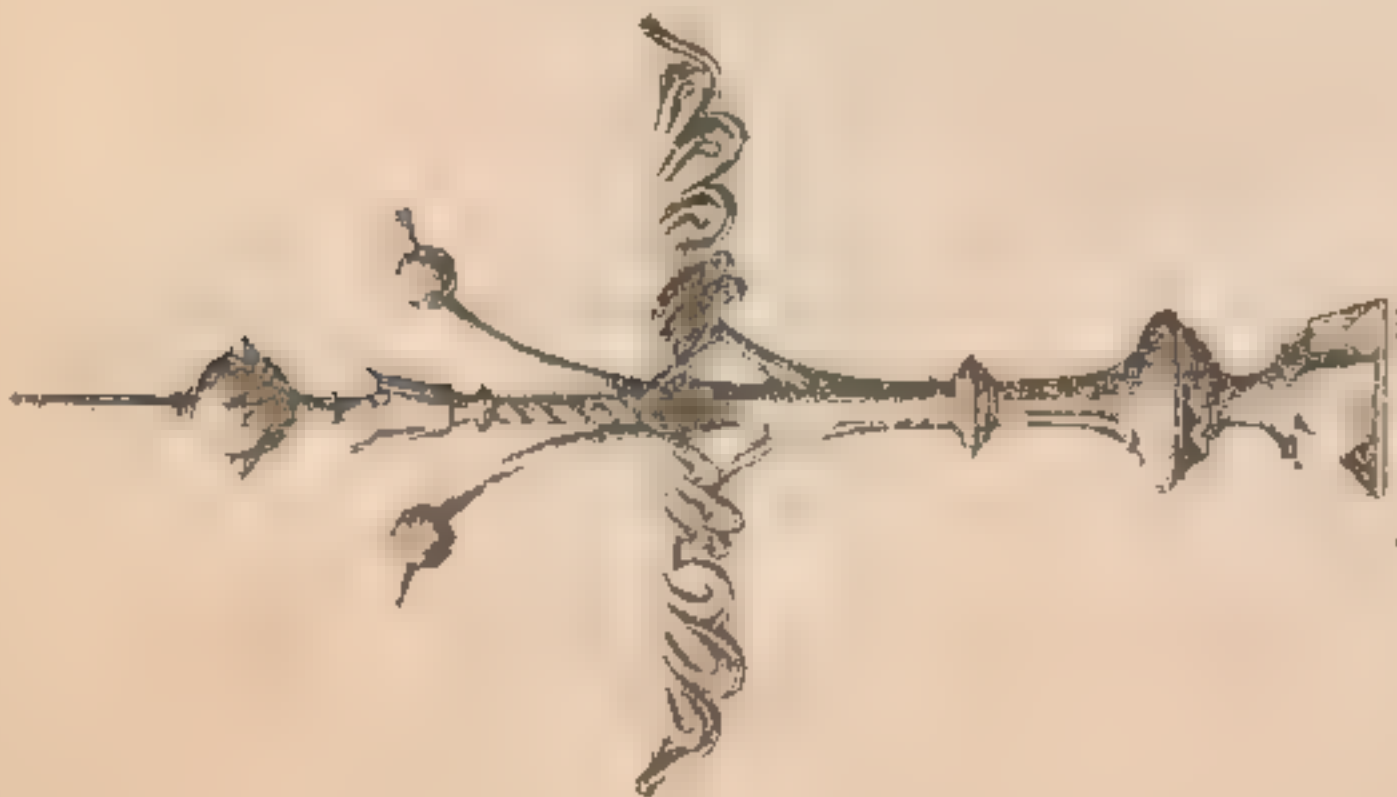


Nº 61



MACFARLANE'S CASTINGS — TERMINALS
No 323

No 111



ARMS 4 WAYS

No 301



Made flat or to any curve or bevel,
and with any monogram, crest, or device to order.

No 169



No 224



ARMS 4 WAYS

No 150



ARMS 4 WAYS

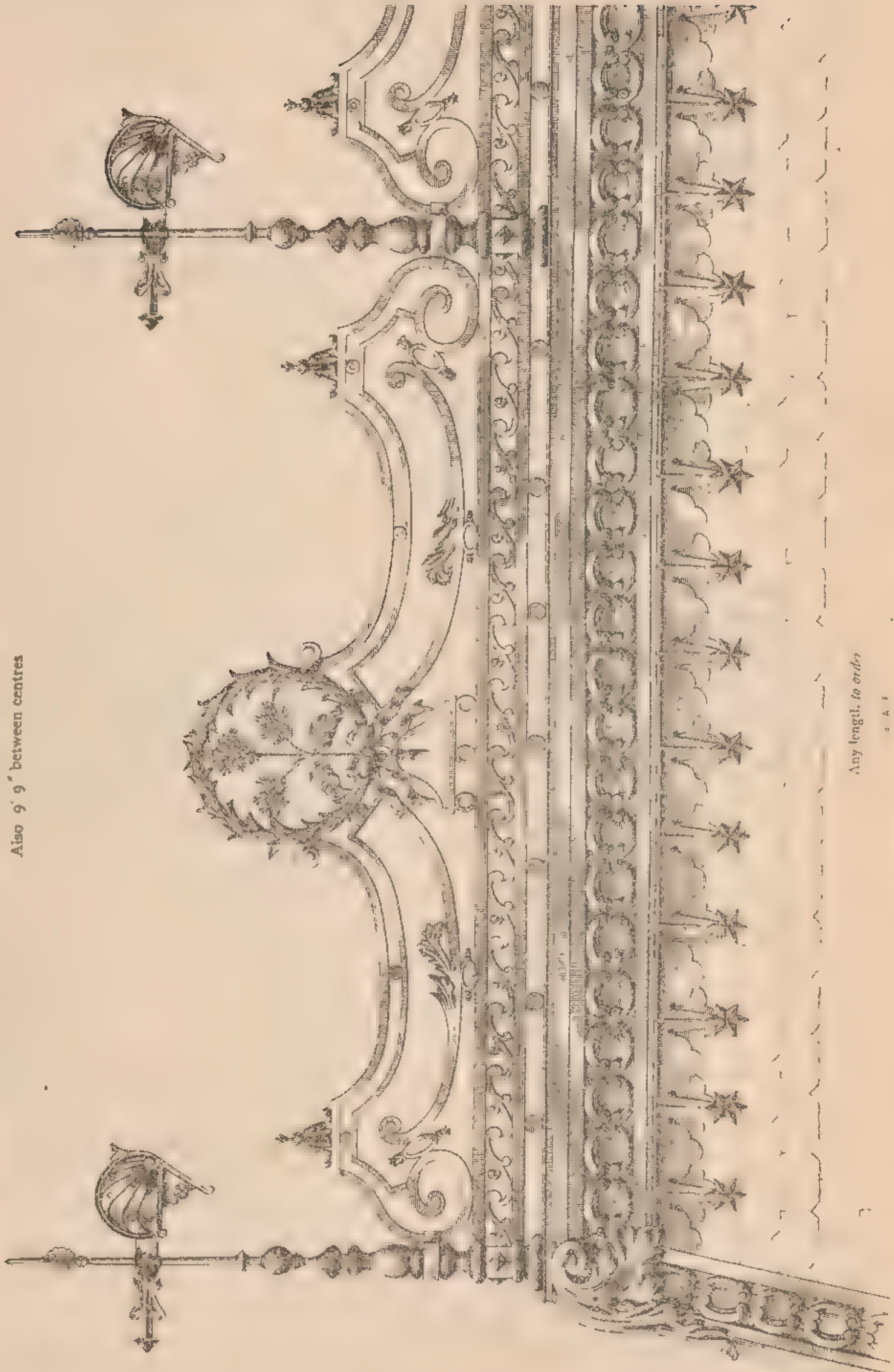
No 224

MACFARLANE'S CASTINGS — TERMINALS

NO 208

11' 6" CENTRES

Also 9' 9" between centres



Any length to order

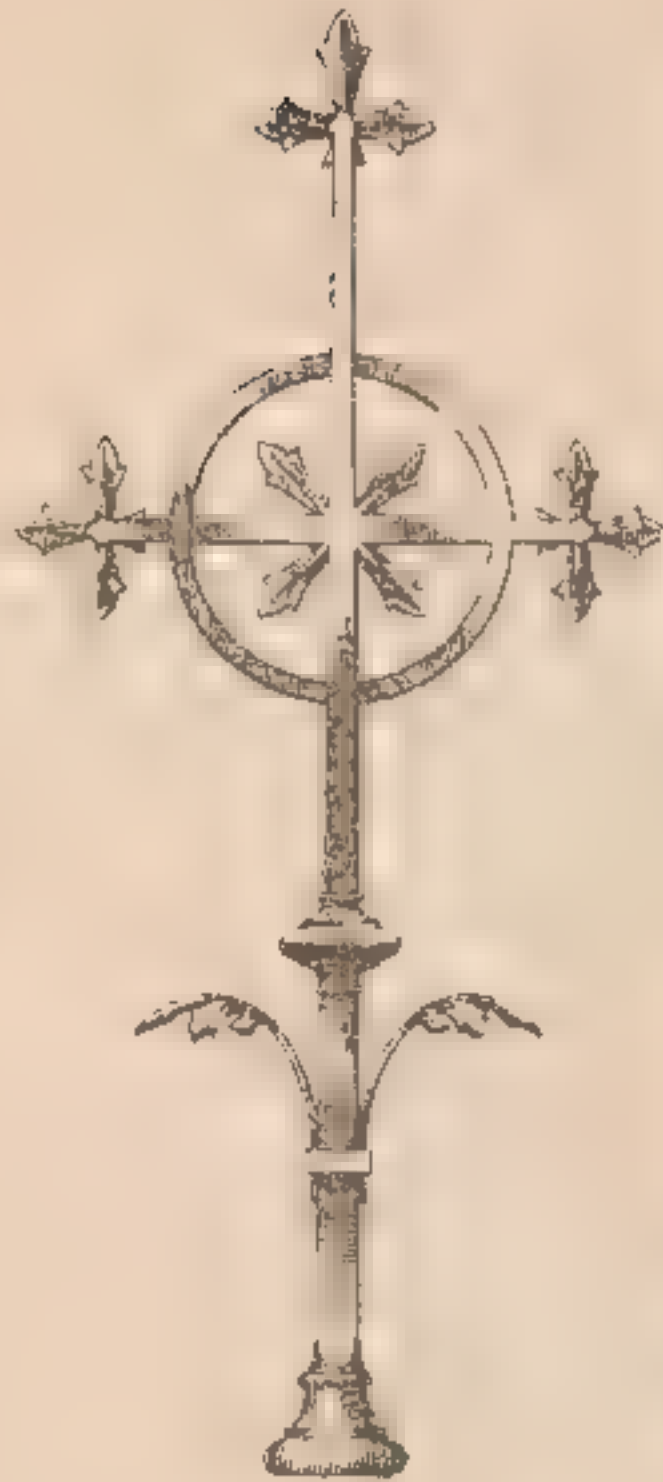
3 A F 1 4 F E E

MACFARLANE'S CASTINGS — TERMINALS

Nº 248



Nº 114



Nº 417



Nº 53



Nº 62



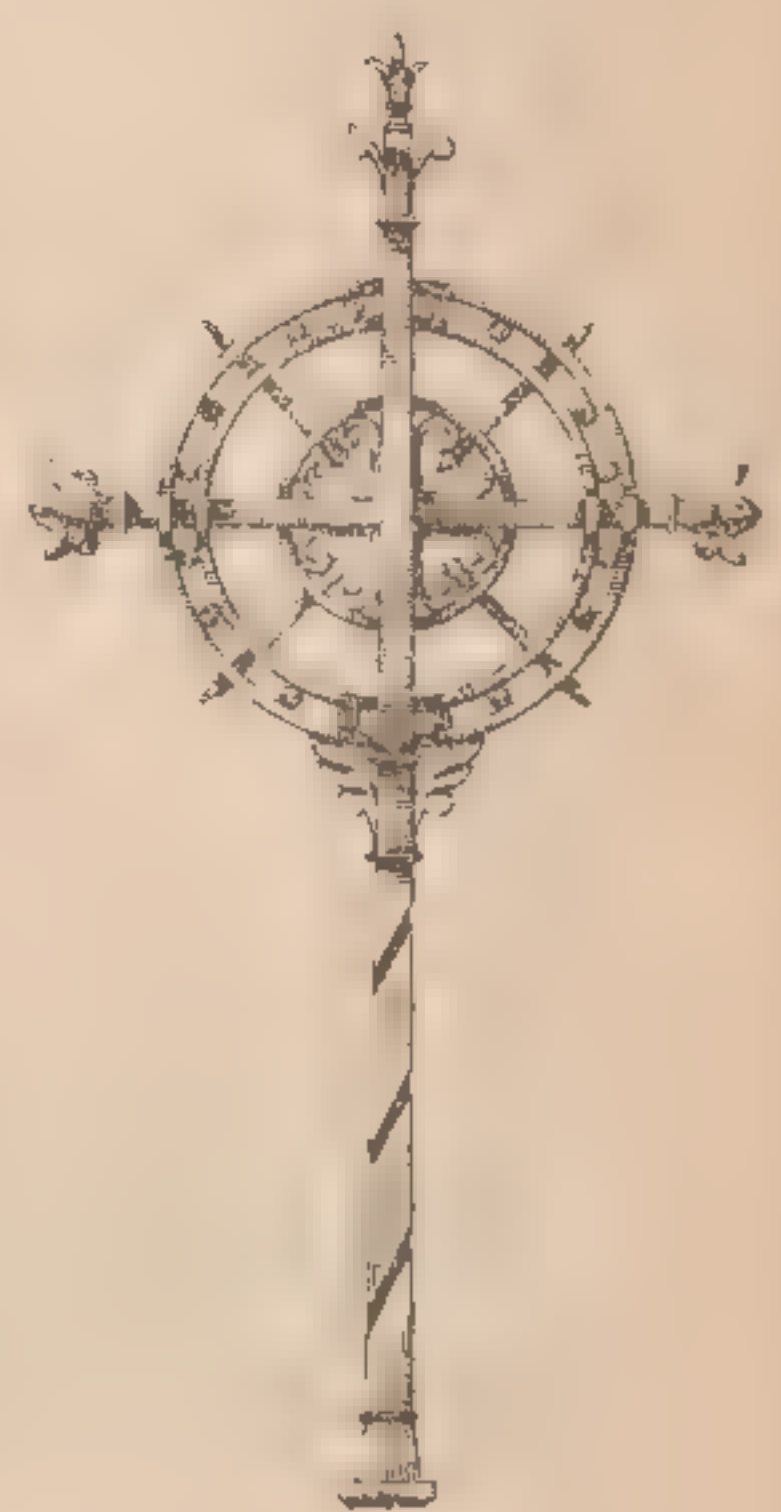
Nº 95



Nº 86



Nº 56



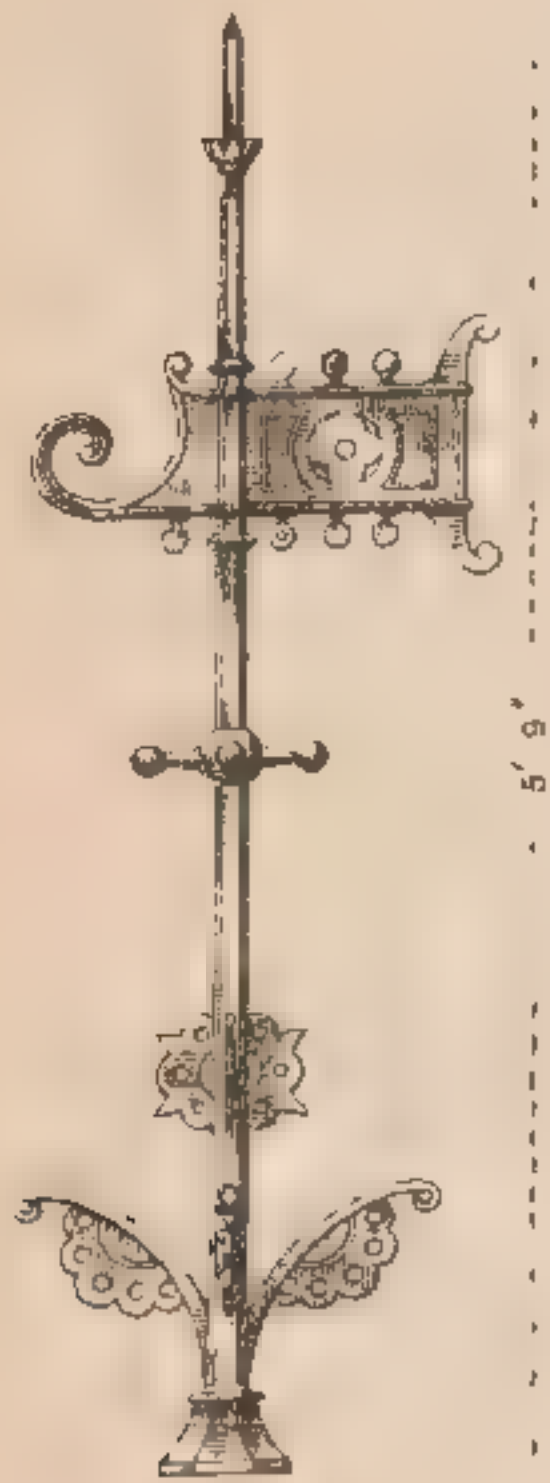
ARMS 2 AND 4 WAYS

SCALE



MAGFARLANE'S CASTINGS — TERMINALS

Nº 58



ARMS 4 WAYS

Nº 32



Nº 404



ARMS 2 AND 4 WAYS

Nº 24



Nº 444



4' 9"

Nº 253



4' 2"

SCALE

4 FEET

Nº 423



Nº 445



Nº 6



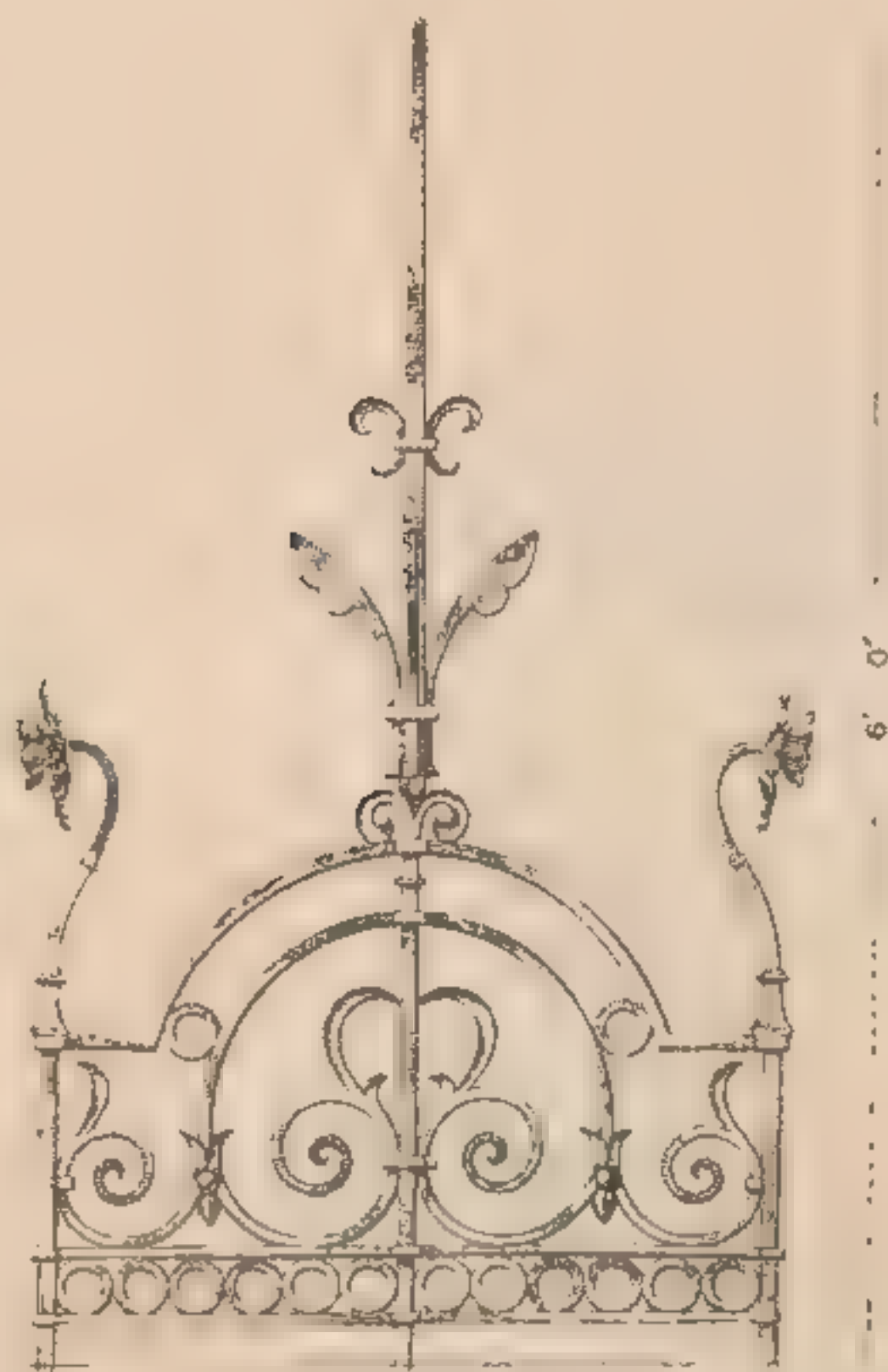
6' 0" CENTRES
Any length to order.

Nº 378



ARMS 2 AND 4 WAYS

Nº 445



Nº 380



SCALE

2

3

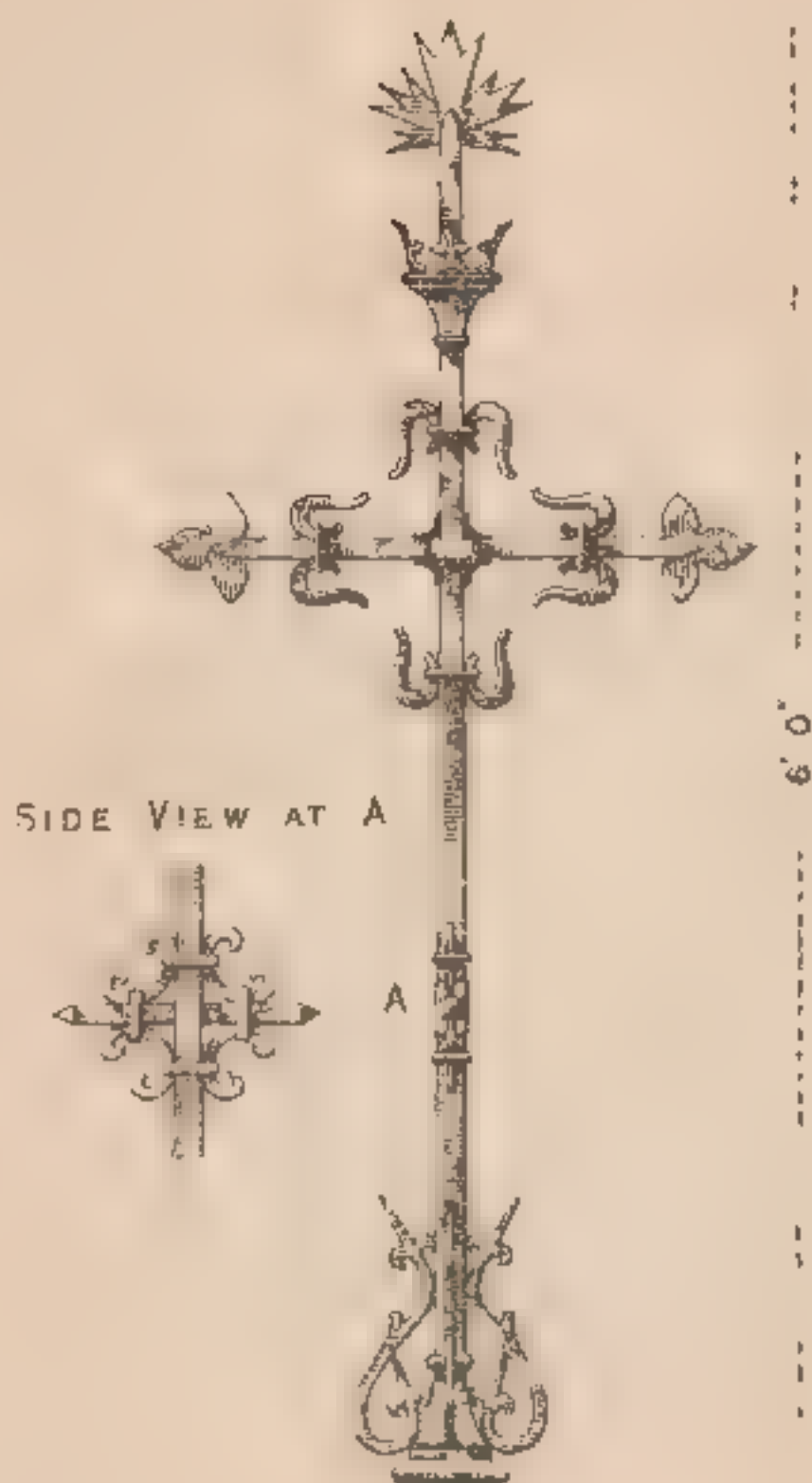
4 FEET

Nº 63



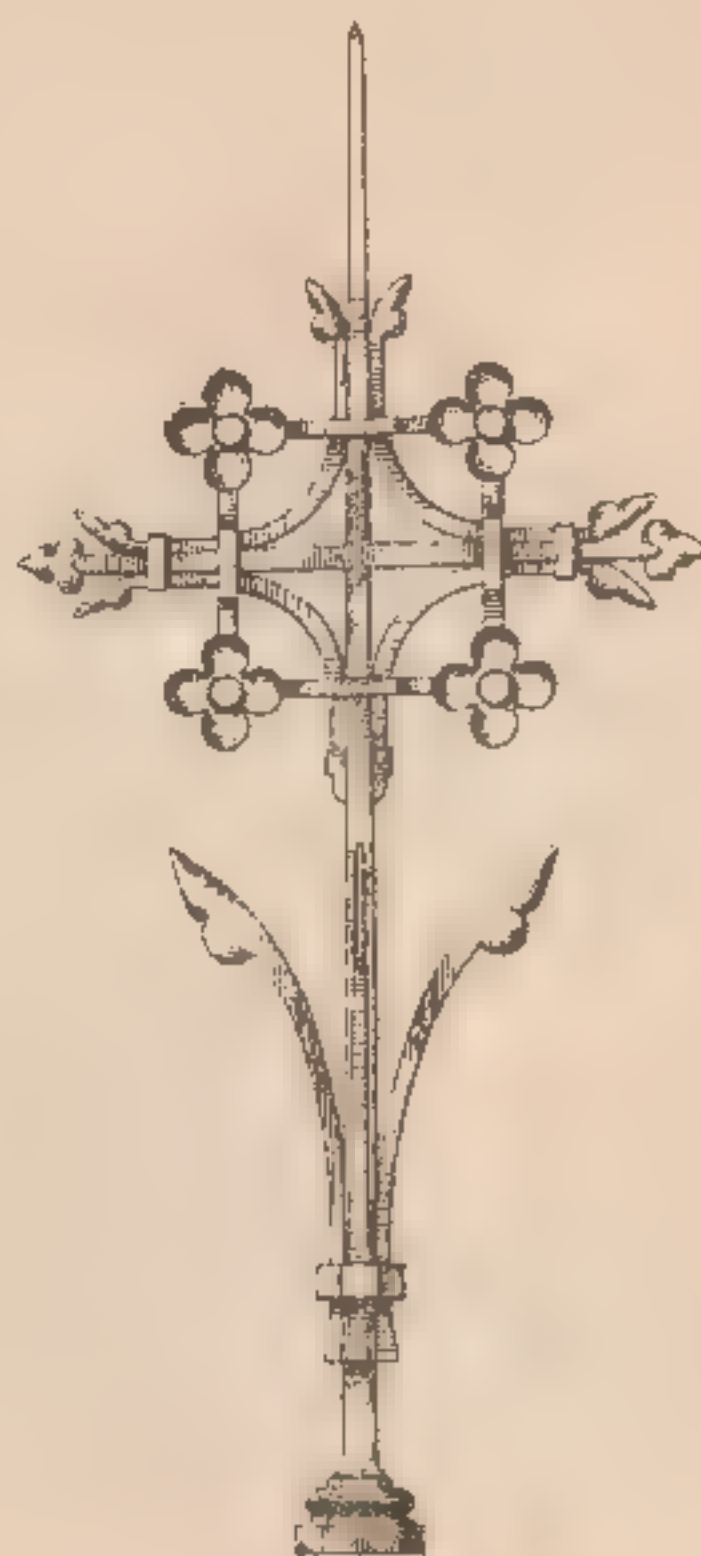
ARMS 2 AND 4 WAYS

Nº 26



SIDE VIEW AT A

Nº 134

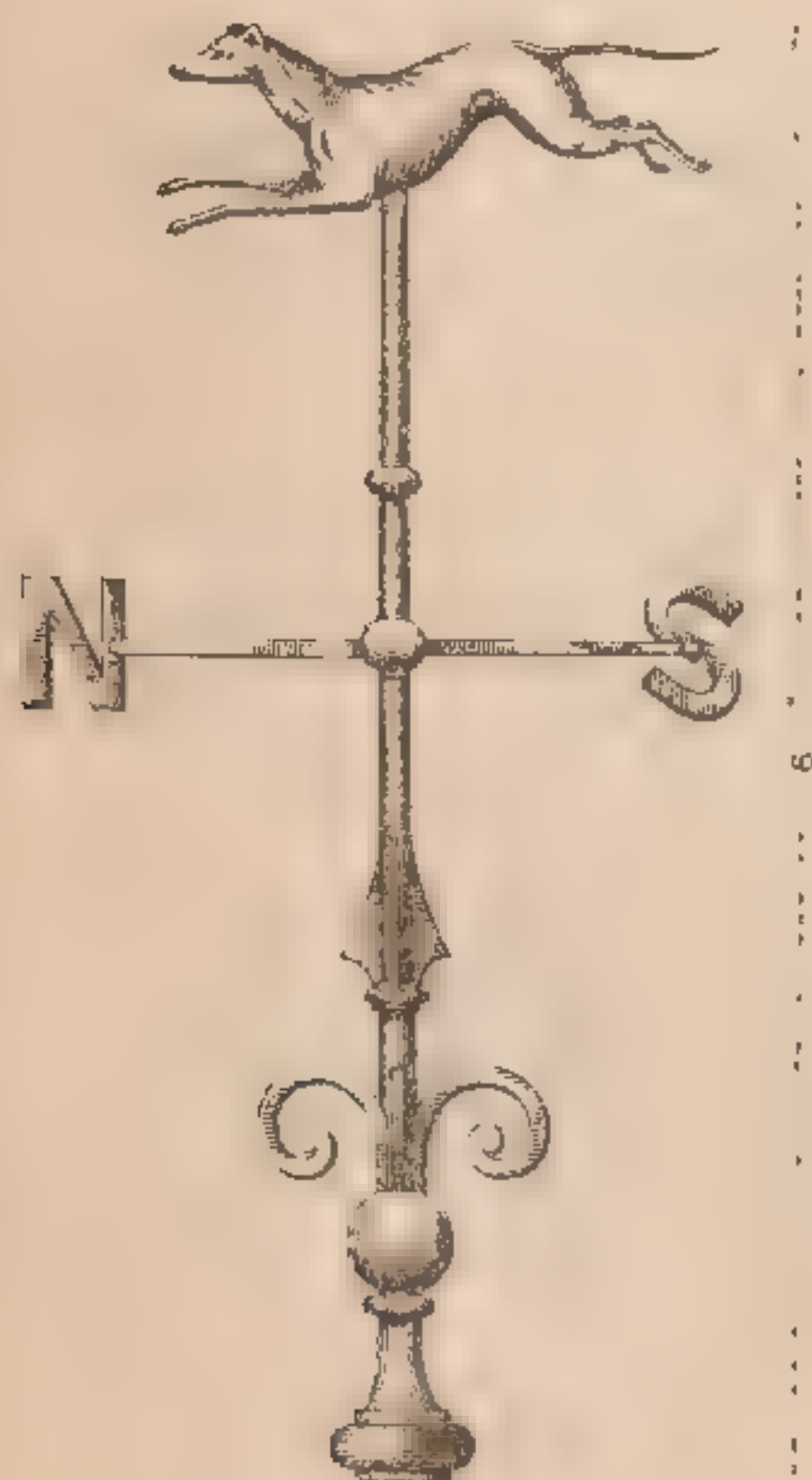


Nº 30

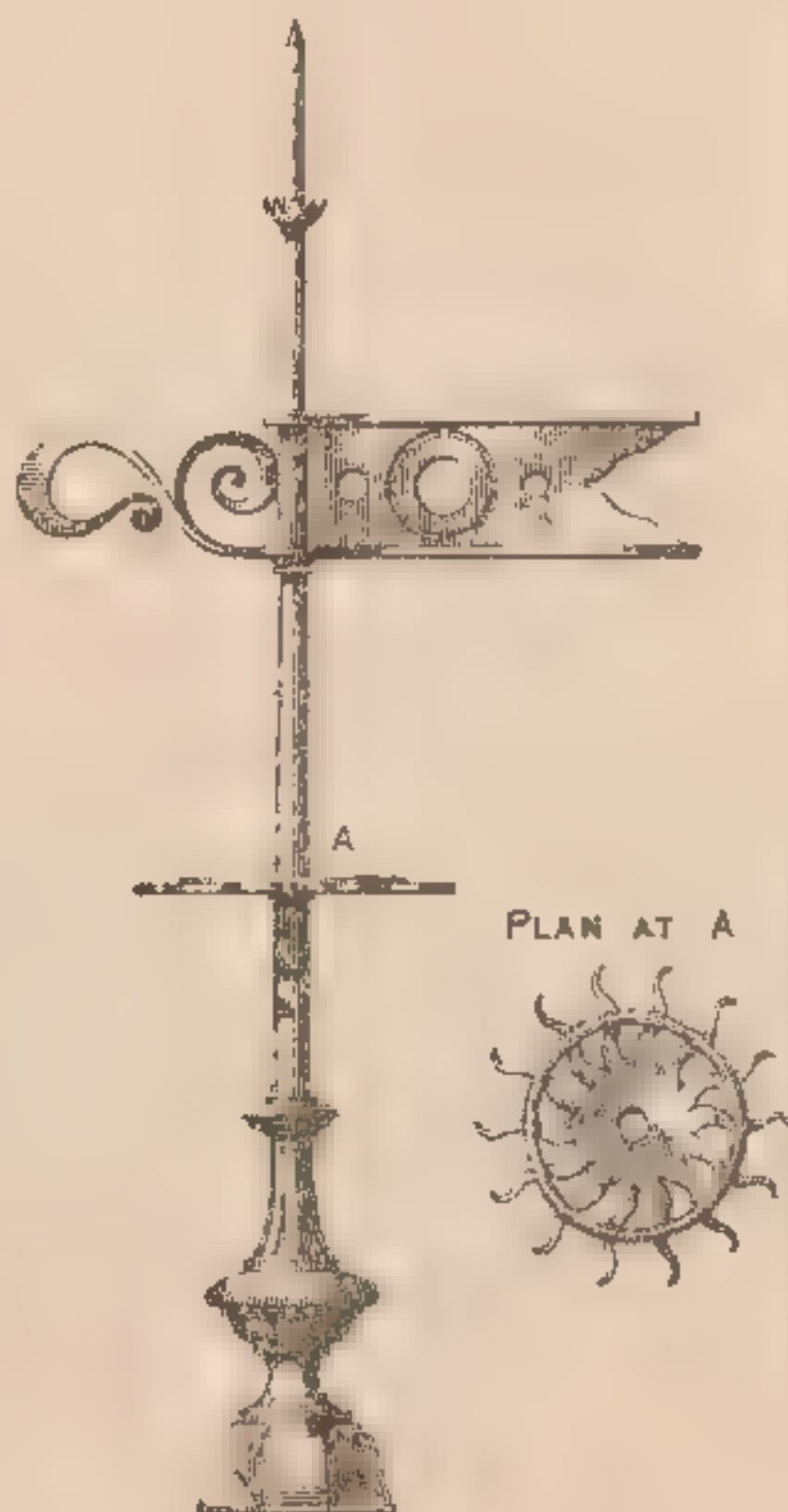


ARMS 4 WAYS

Nº 53

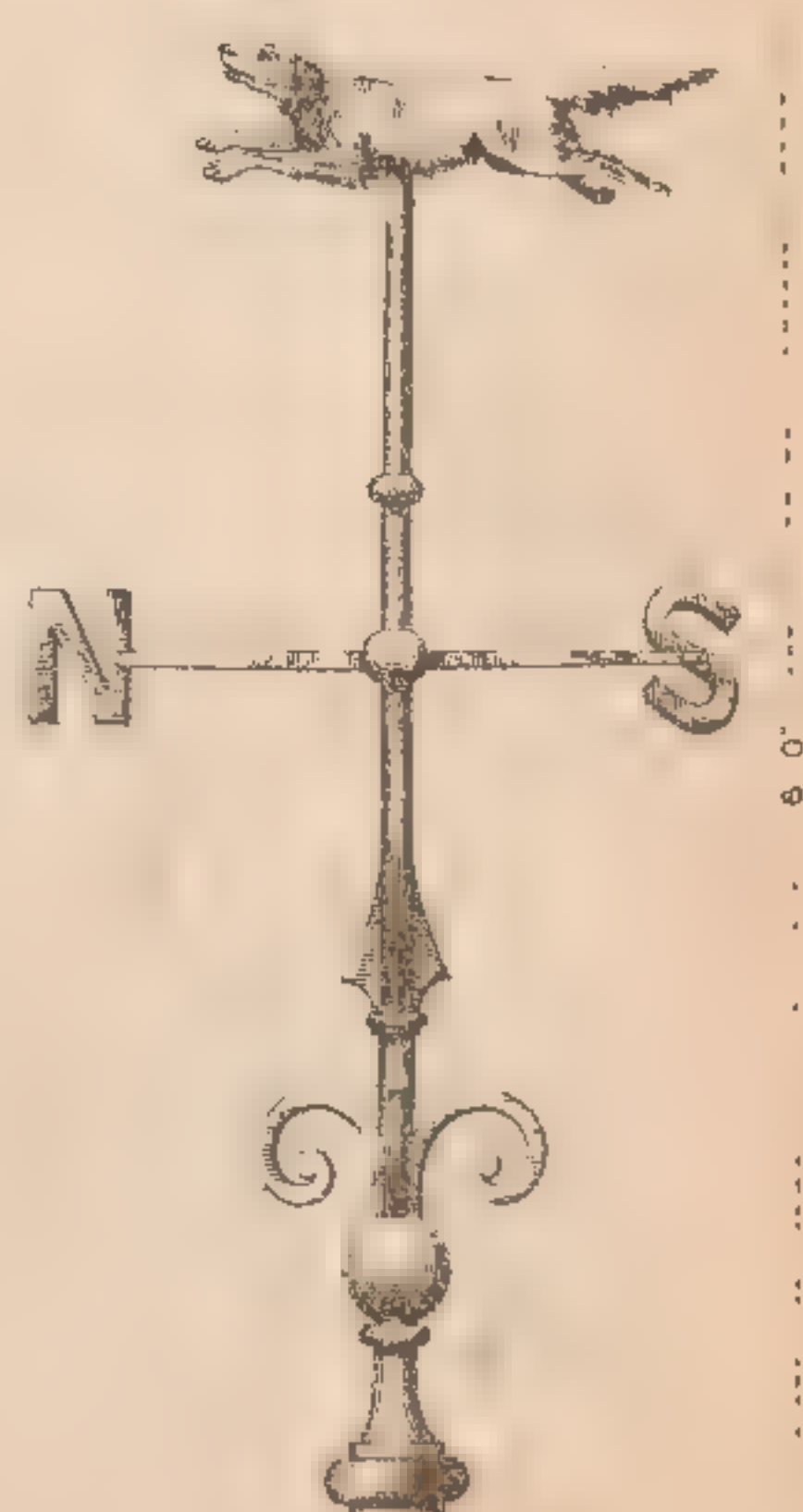


Nº 349



PLAN AT A

Nº 53

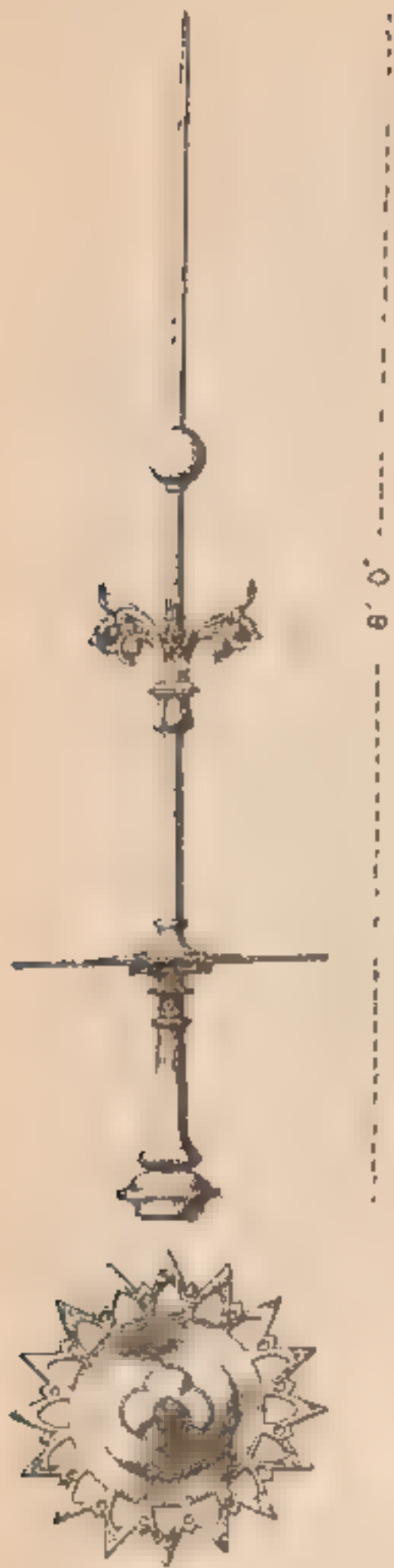


SCALE



MACFARLANE'S CASTINGS — TERMINALS

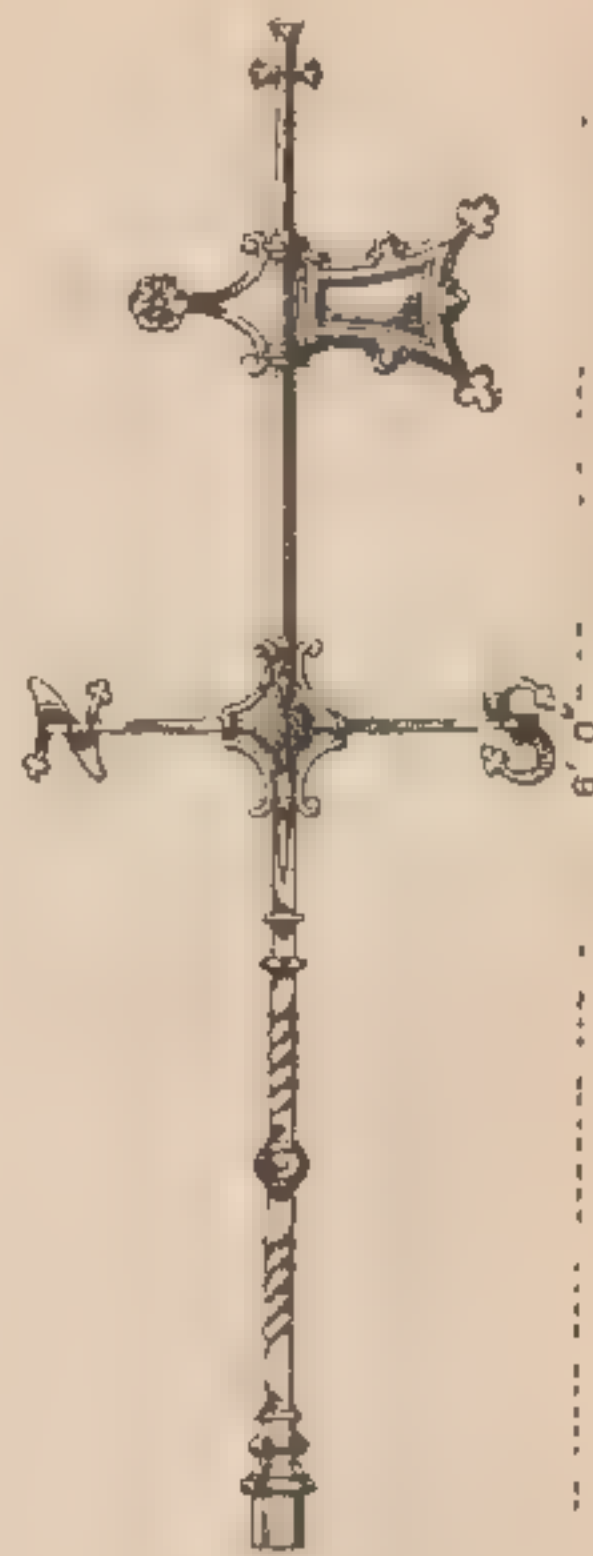
Nº 80



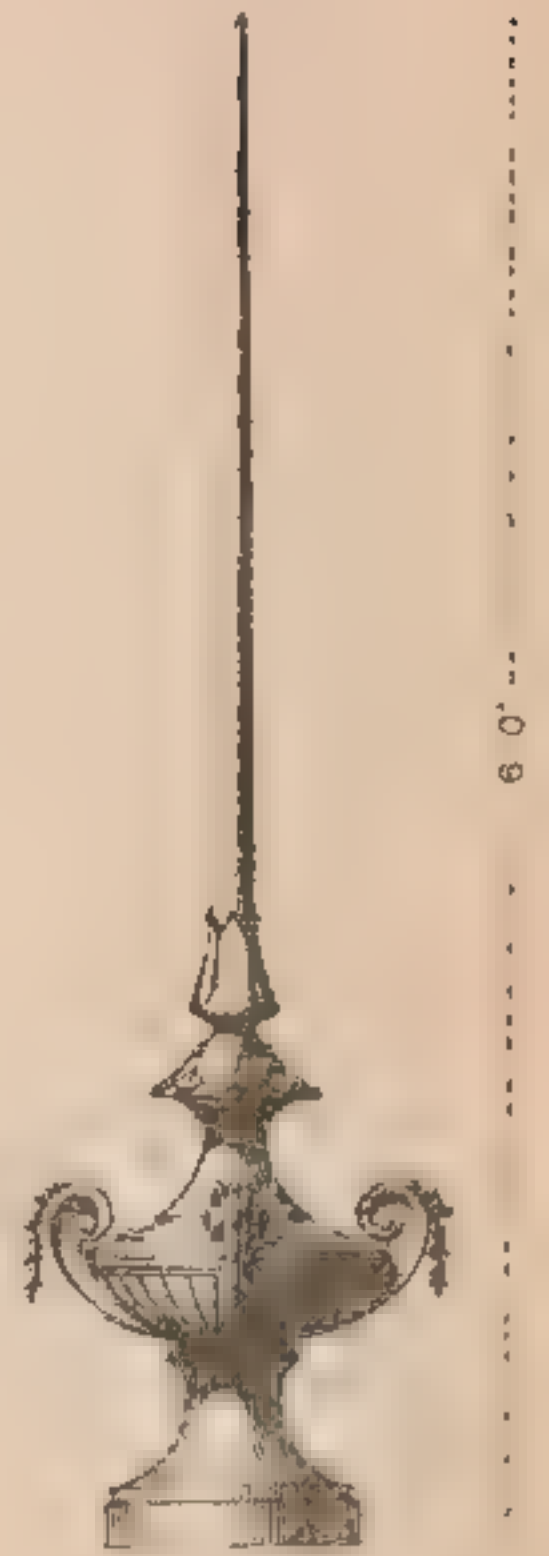
Nº 128



Nº 124



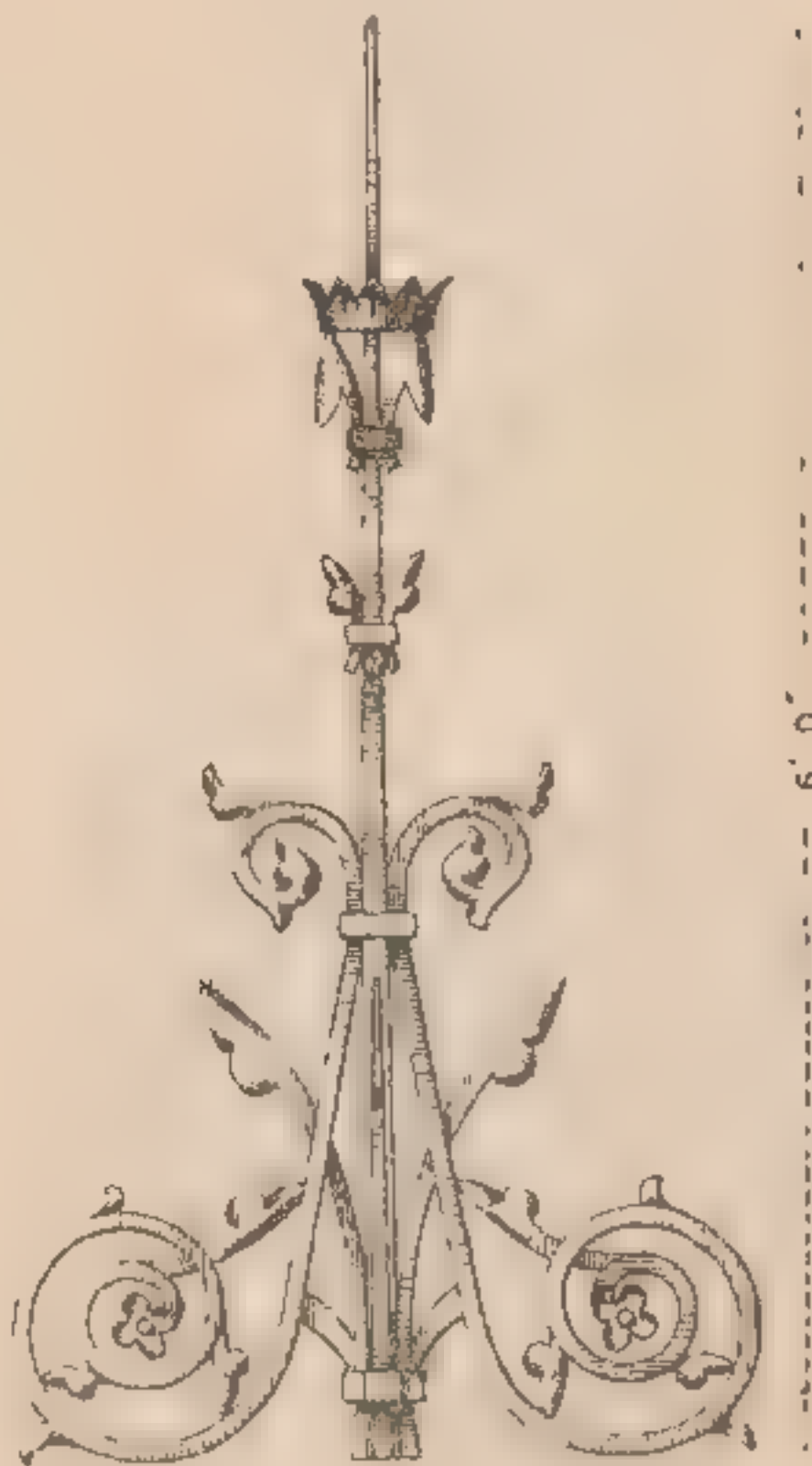
Nº 425



Nº 44



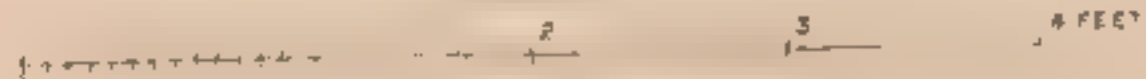
Nº 235



Nº 230



SCALE



MACFARLANE'S CASTINGS — TERMINALS

Nº 34

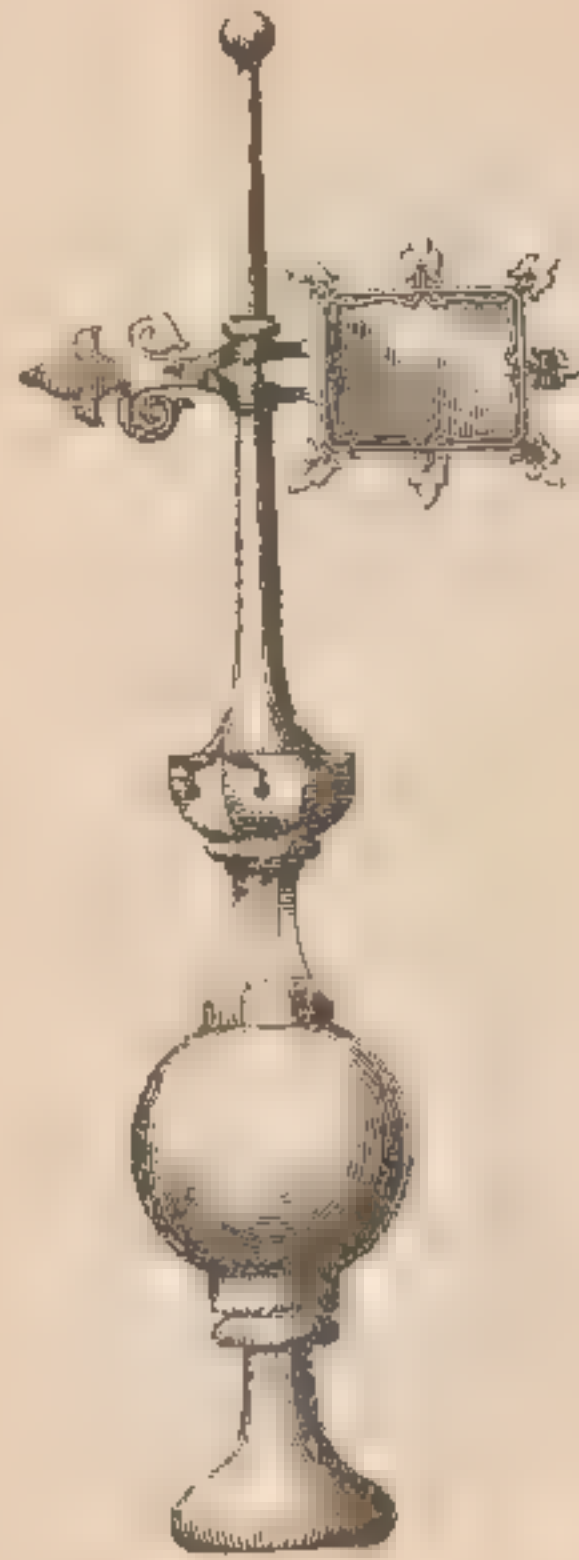


ARMS 4 WAYS

Nº 207



Nº 64



Nº 111



ARMS 4 WAYS

Nº 53

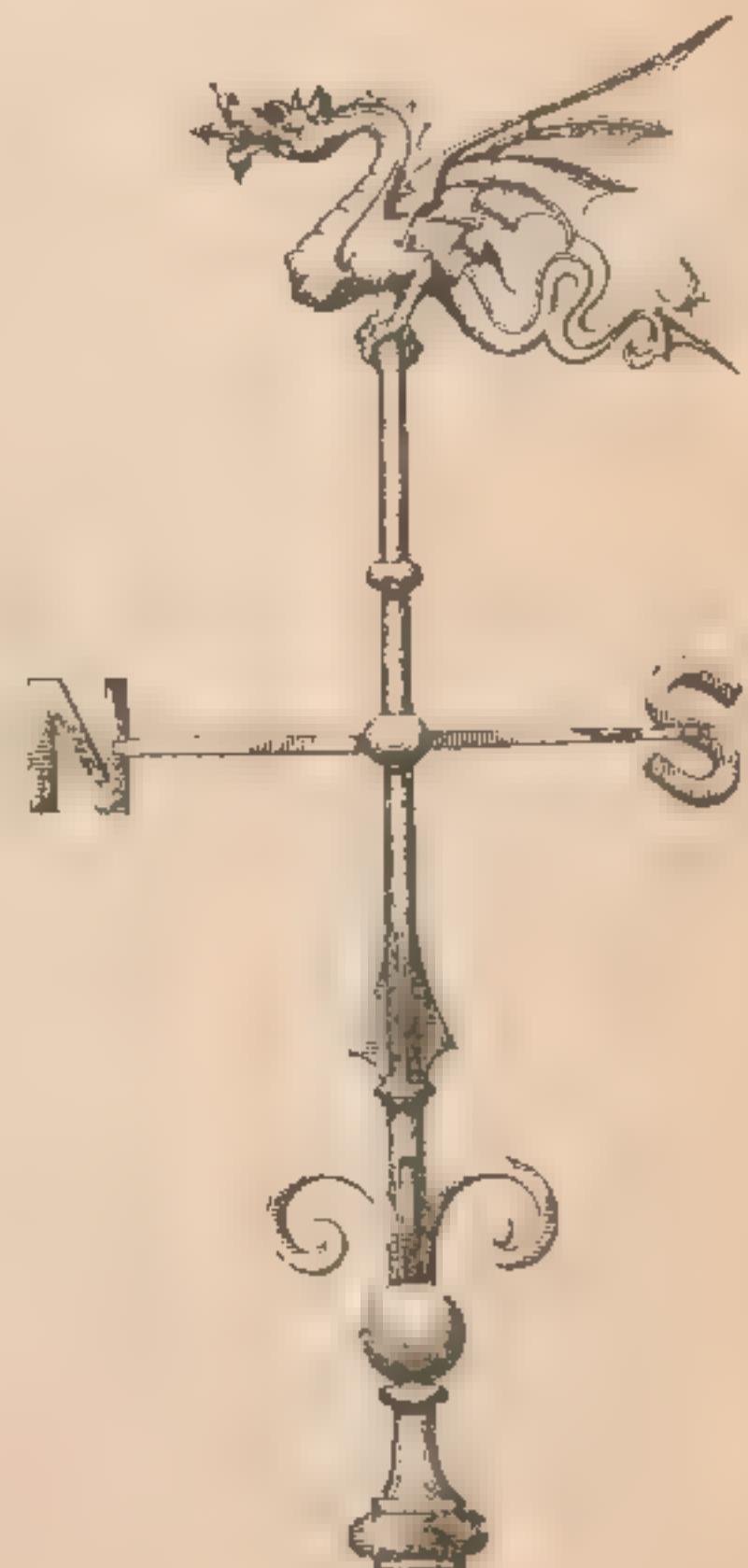


Nº 217

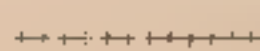


ARMS 2 AND 4 WAYS

Nº 59



SCALE



2

3

4 FEET

Nº 227



SECTION

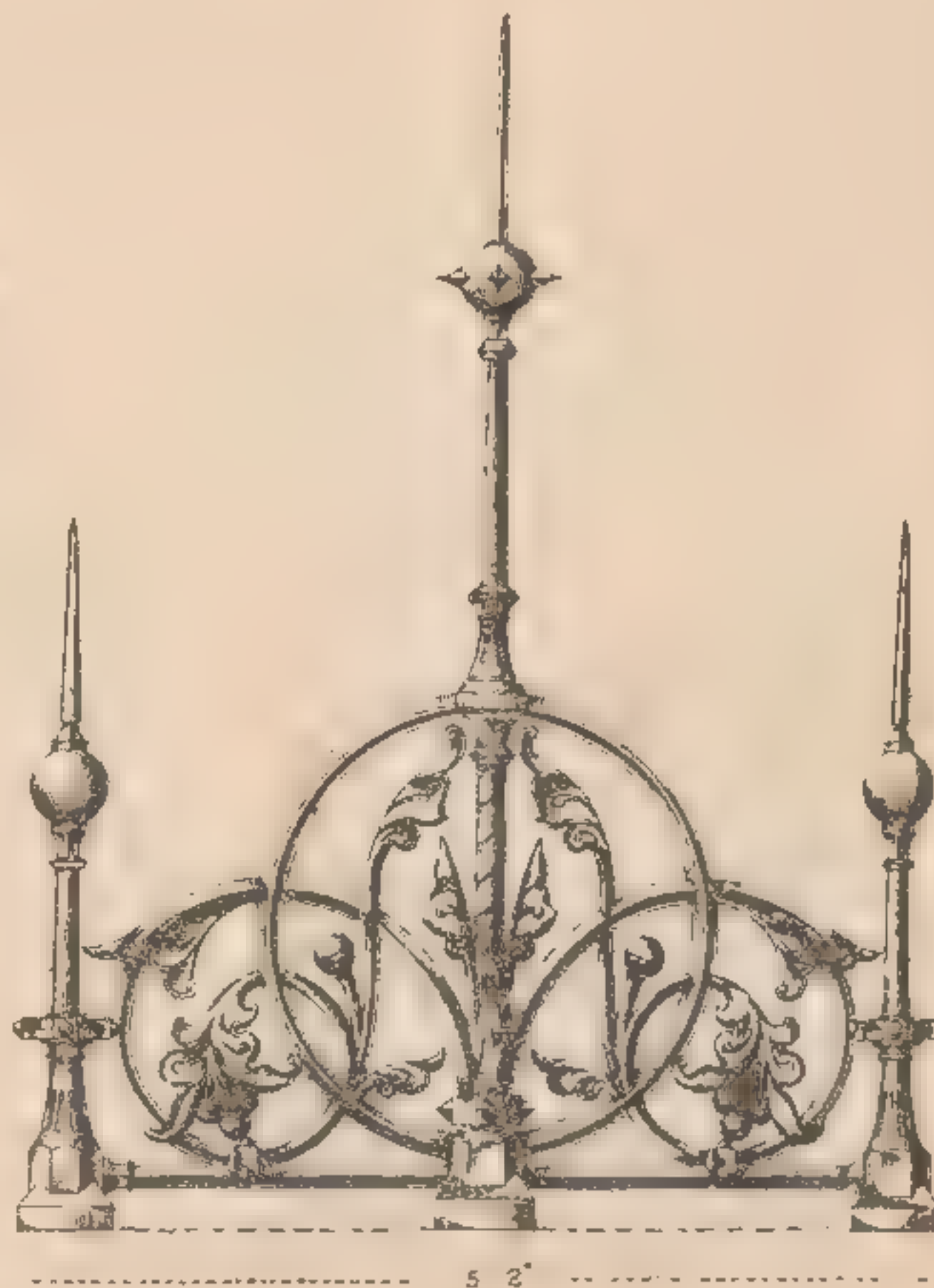
Diameter inside of
Flange 2' 6 ft. 6 ins
other sizes to order



Nº 252



Nº 173



Nº 27



SCALE

2

3

4 FEET

MACFARLANE'S CASTINGS — TERMINALS

Nº 173



Nº 128



Nº 154

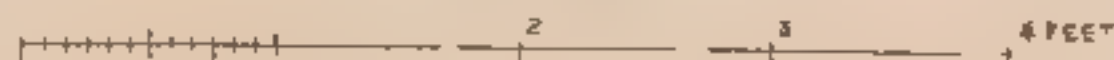


ARMS 8 WAYS

Nº 420



SCALE



Nº 31



ARMS 4 WAYS

Nº 155



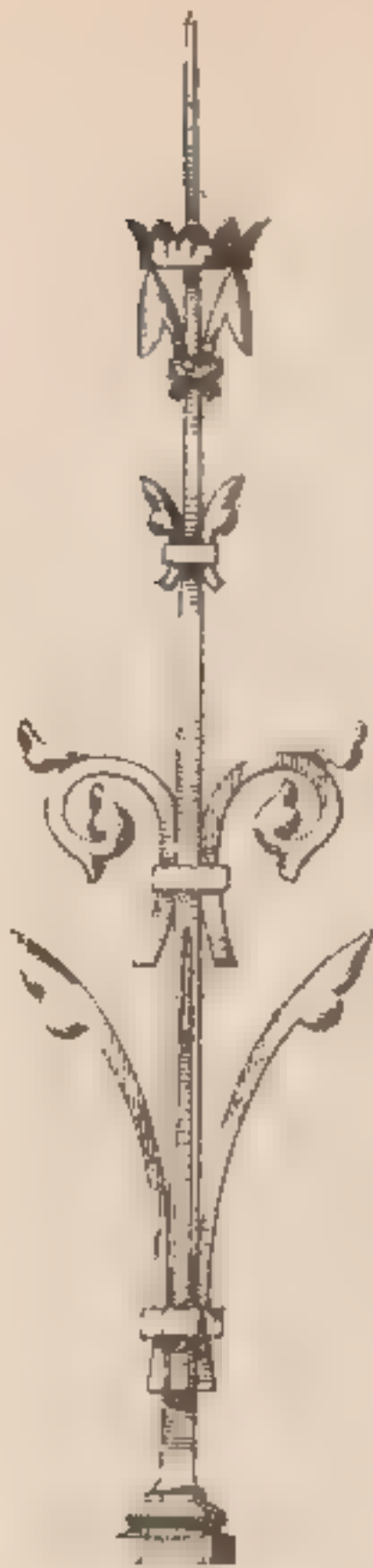
ARMS 4 WAYS

MACFARLANE'S CASTINGS — TERMINALS

Nº 53



Nº 235



Nº 53



Nº 172



ARMS 4 WAYS

Nº 158



Nº 463



Nº 381



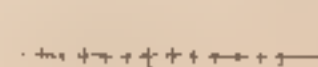
Nº 404



ARMS 4 WAYS

ARMS 2 AND 4 WAYS

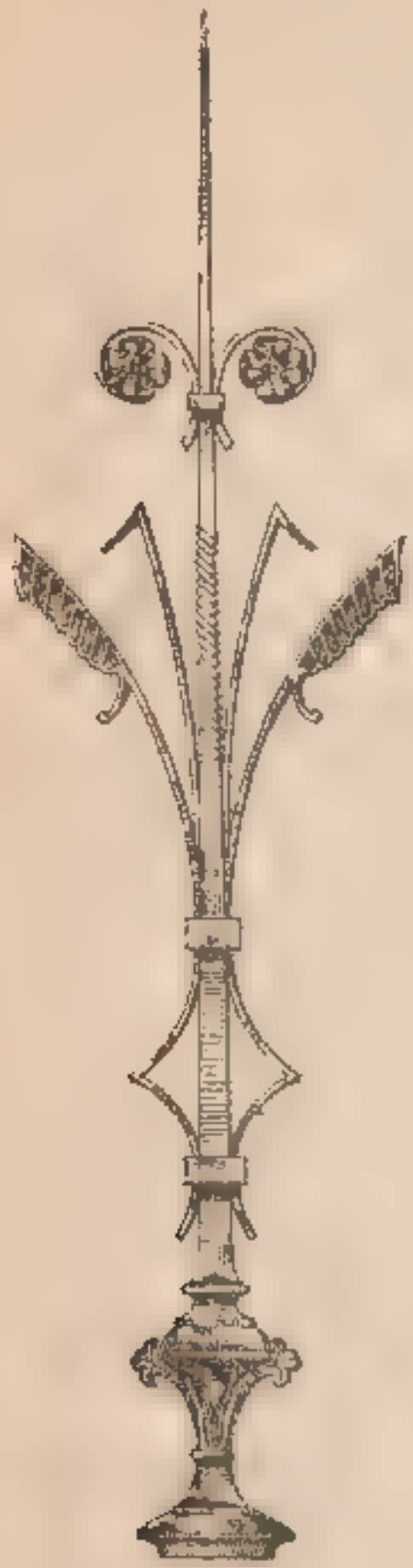
SCALE



3

4 FEET

Nº 97



ARMS 2 AND 4 WAYS

6 10"

Nº 378



ARMS 2 AND 4 WAYS

6 9"

Nº 462



ARMS 2 AND 4 WAYS

7 0"

Nº 283



ARMS 2 AND 4 WAYS

7 0"

Nº 169



6 10"

10 6
F A E

Other lengths to order.

SCALE

3

FFE

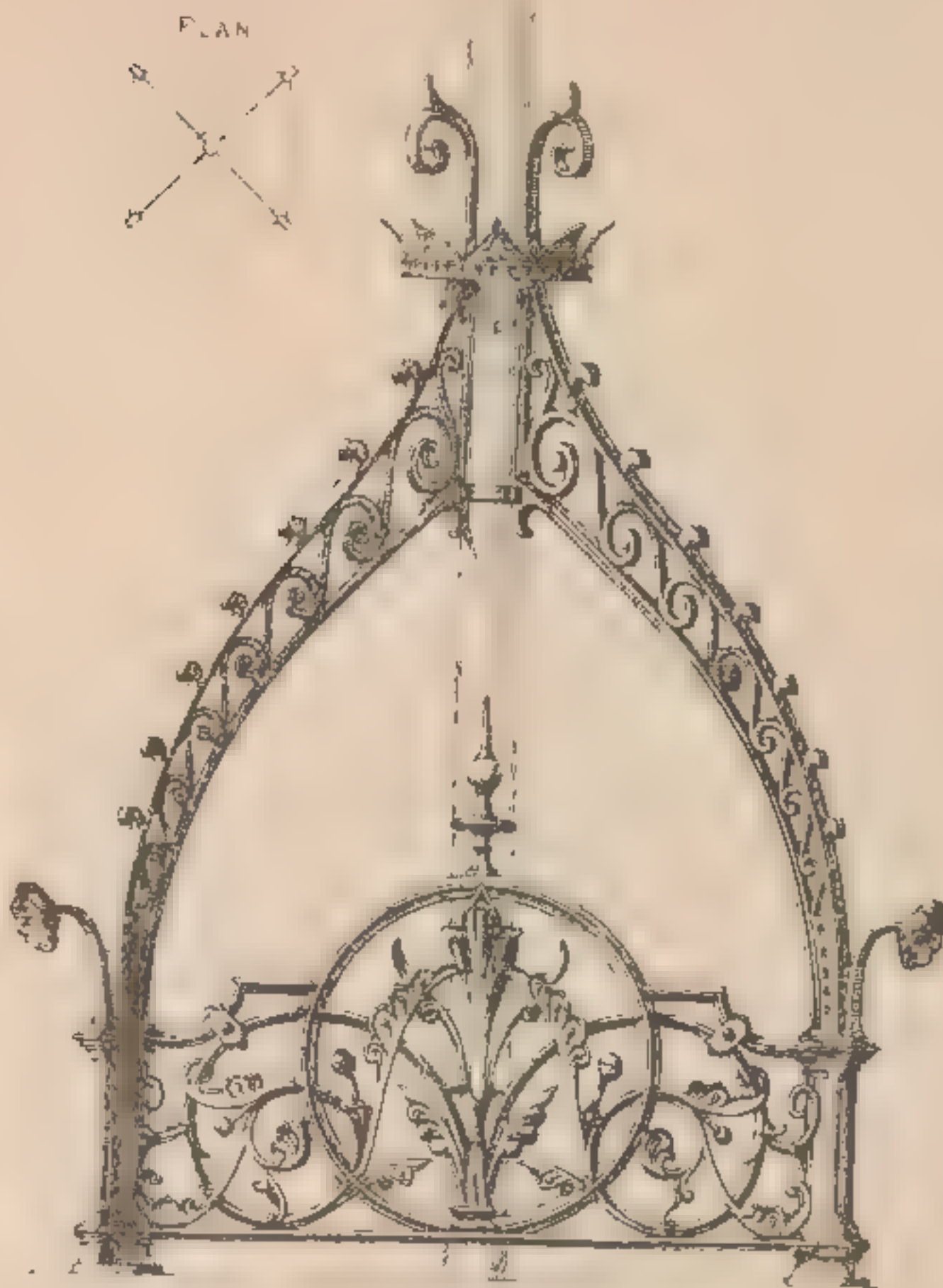
MACFARLANE'S CASTINGS — TERMINALS

Nº 23



ARMS 2 AND 4 WAYS

Nº 45

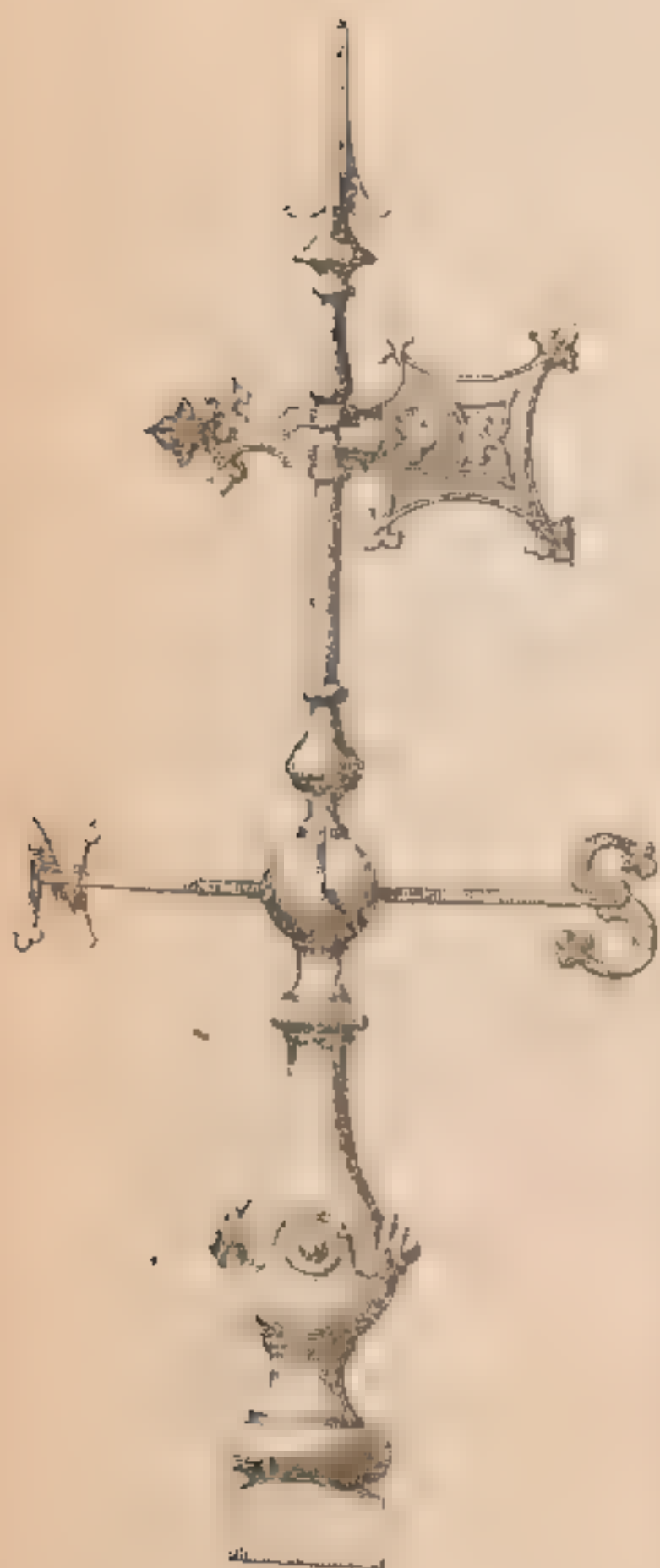


4' 6"



6' 9"

Nº 59



Nº 29



ARMS 4 WAYS

Nº 349



7' 6"

Nº 28



ARMS 4 WAYS

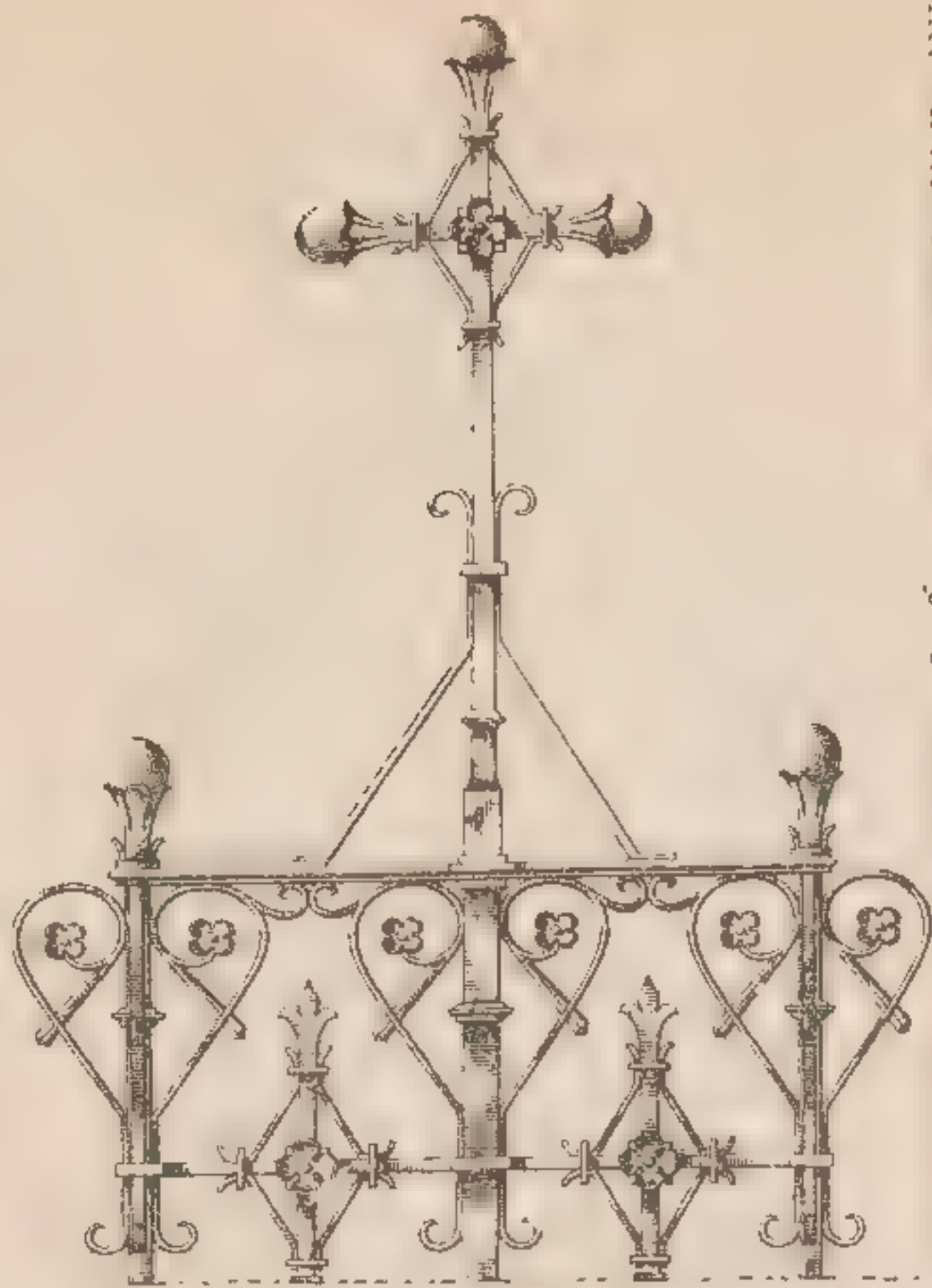
MACFARLANE'S CASTINGS - TERMINALS

Nº 34



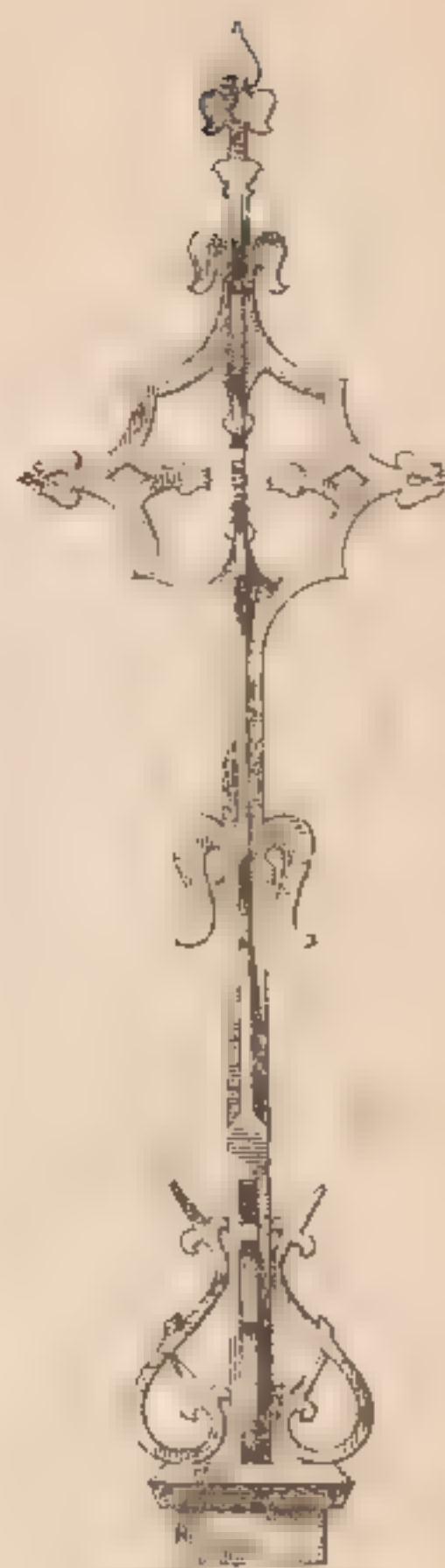
ARMS 4 WAYS

Nº 254



3' 9"

Nº 2



ARMS 4 WAYS

Nº 33



7' 0"

Nº 44



7' 0"

Nº 25



7' 0"

ARMS 2 AND 4 WAYS

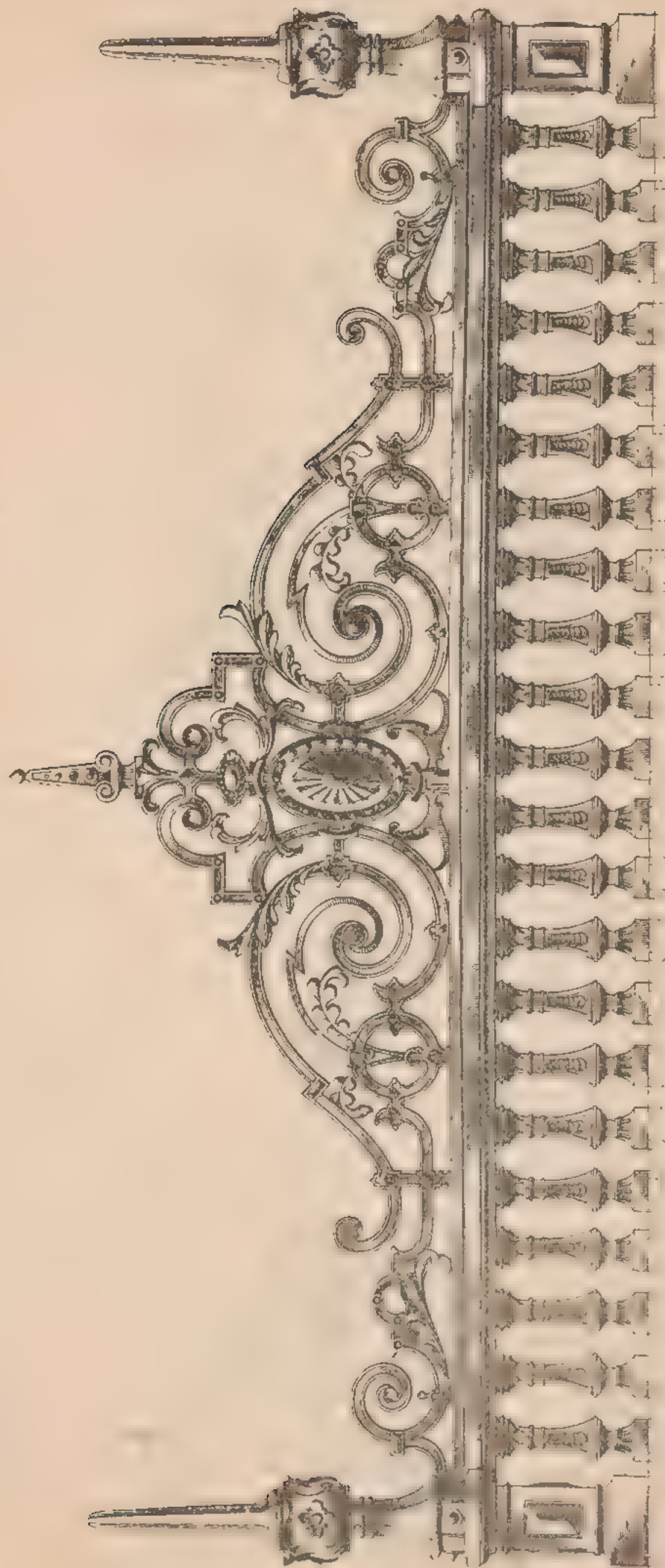
Nº 58



7' 0"

MACFARLANE'S CASTINGS.—TERMINALS

No 438



16 8'

Other lengths to order

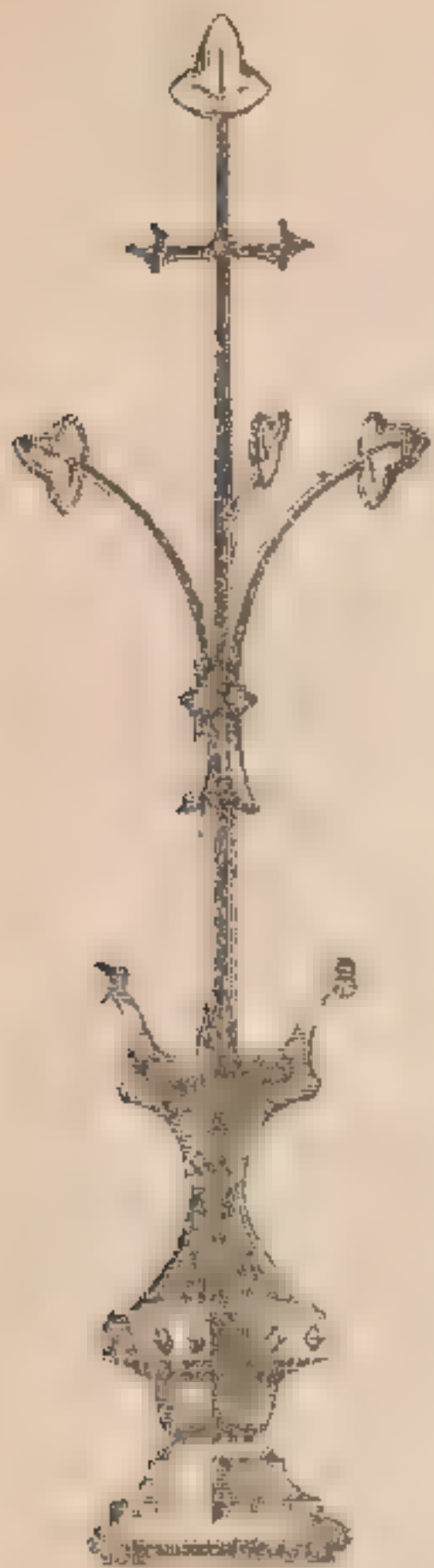
SCALE

2

3

4 FEET

Nº 21



7' 0"

Nº 24



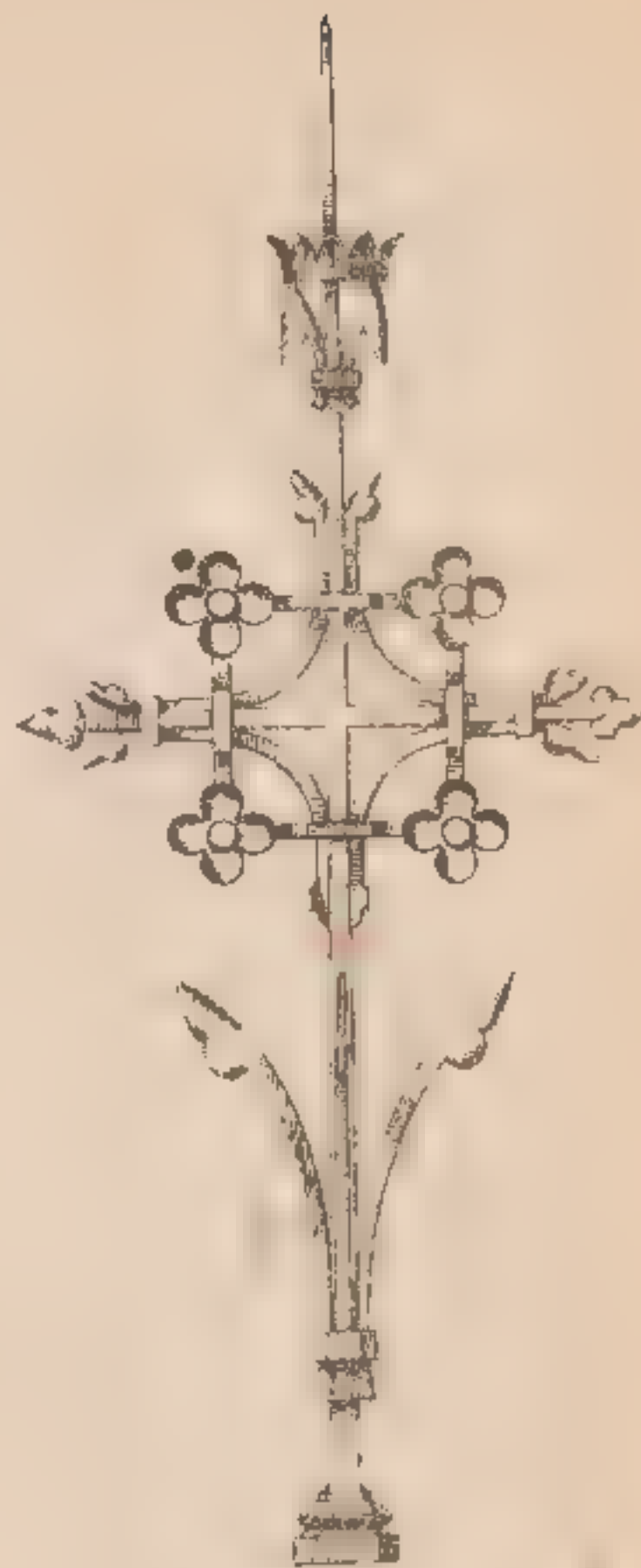
7' 0"

Nº 103



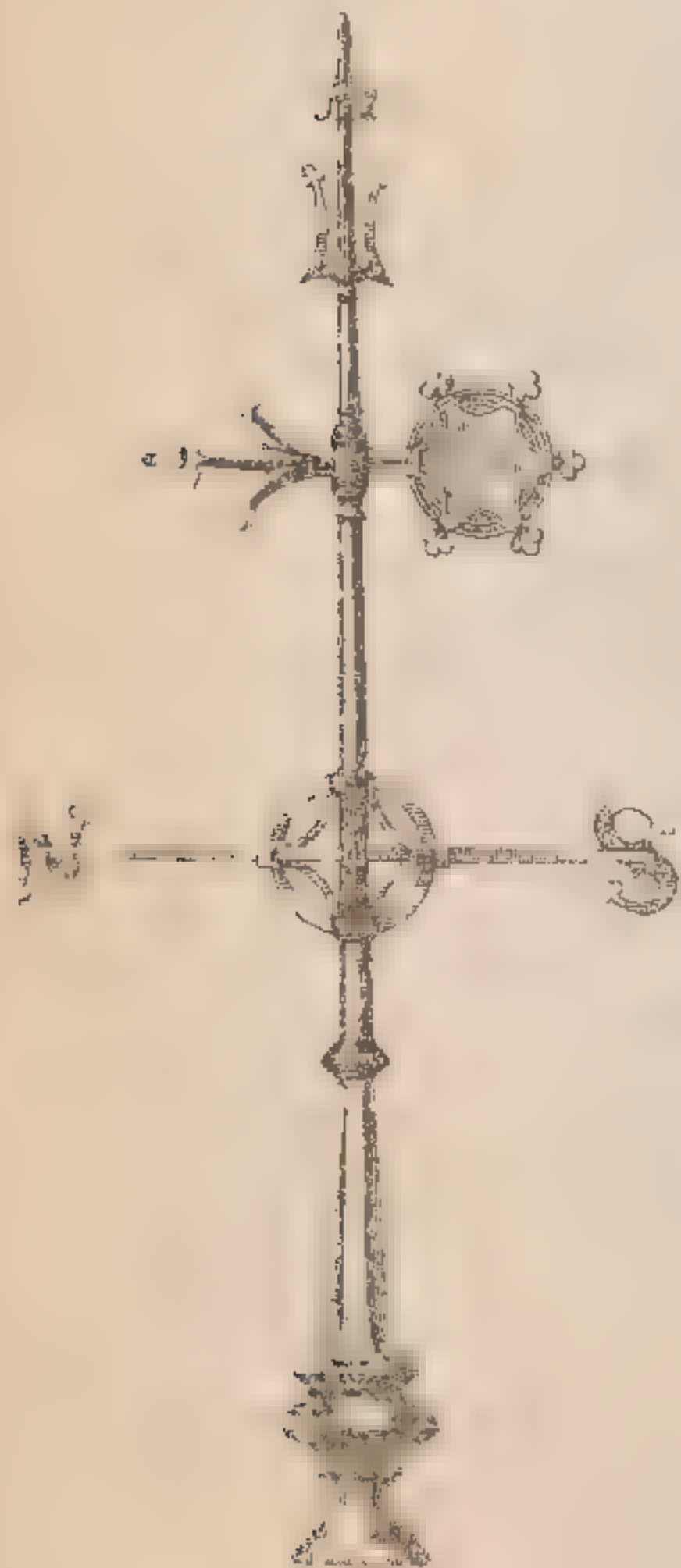
ARMS 4 WAYS

Nº 124



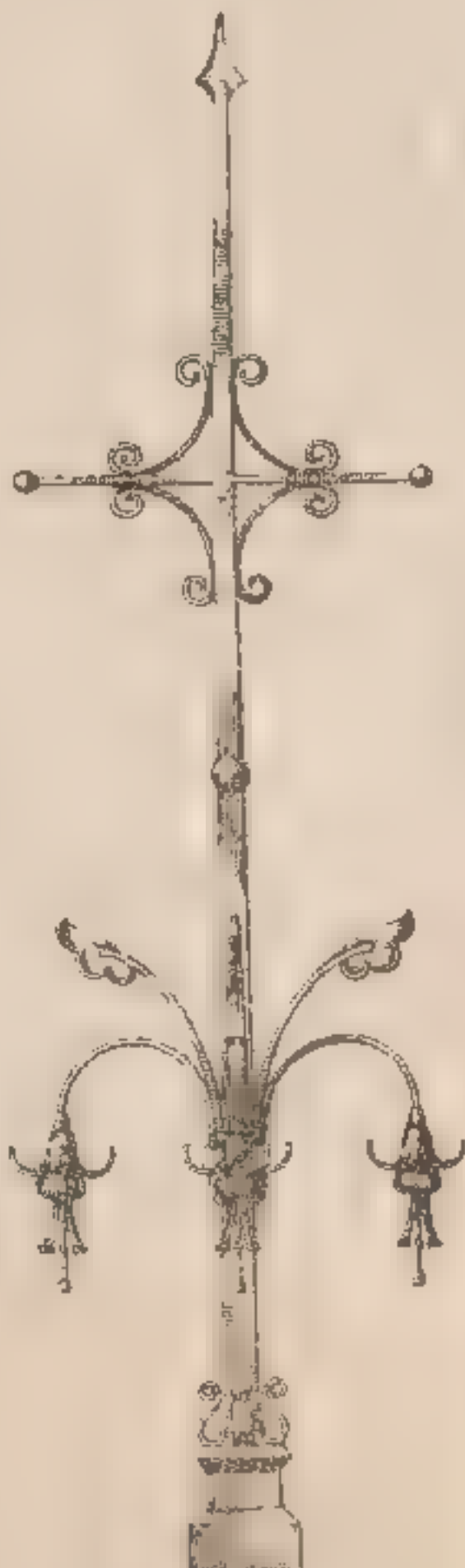
7' 0"

Nº 62



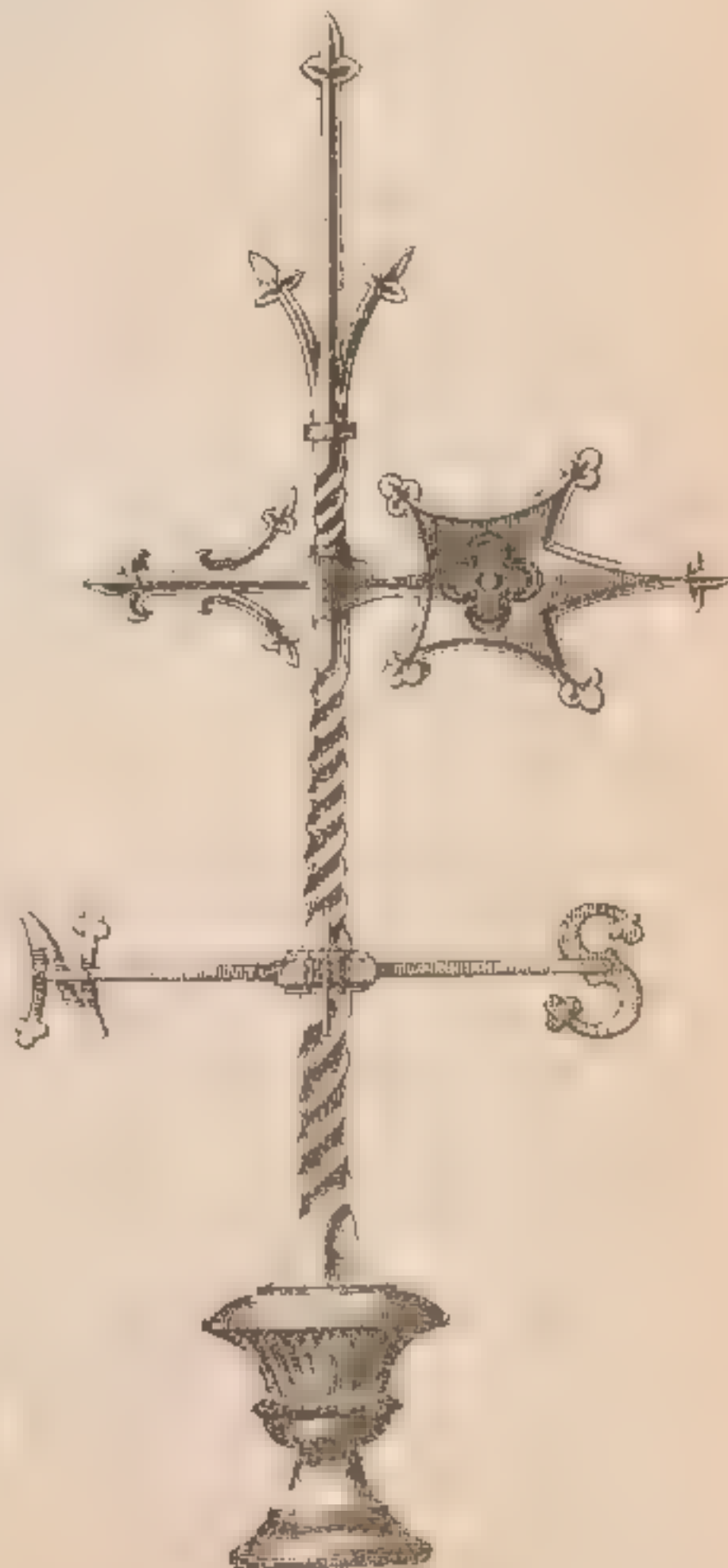
7' 6"

Nº 68



7' 3"

Nº 61



7' 6"

ARMS 4 WAYS

5' 2"

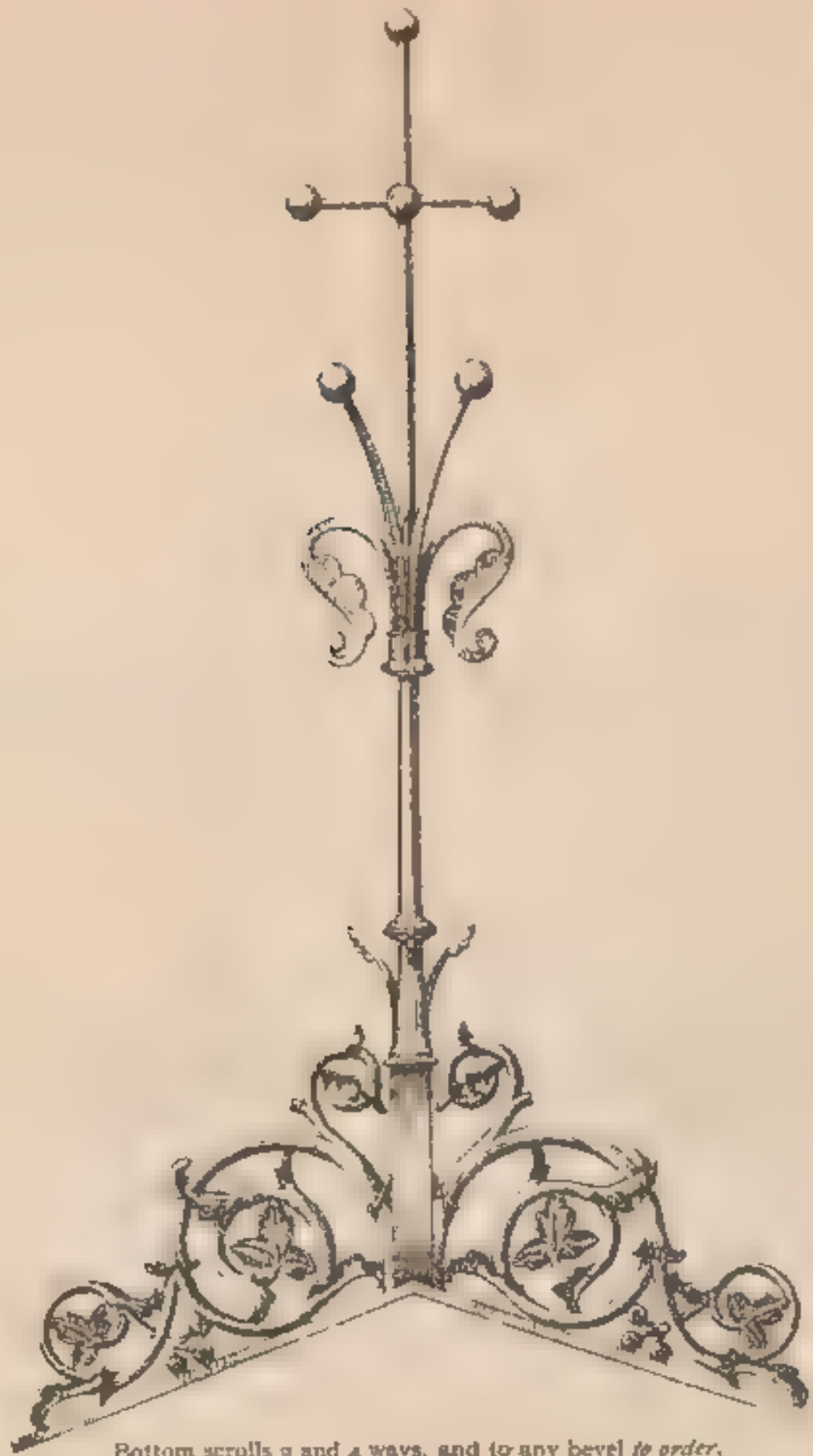
4' 6"

Nº 79



7' 5"

Nº 219



Bottom scrolls 3 and 4 ways, and to any bevel to order.

Nº 27



7' 4"

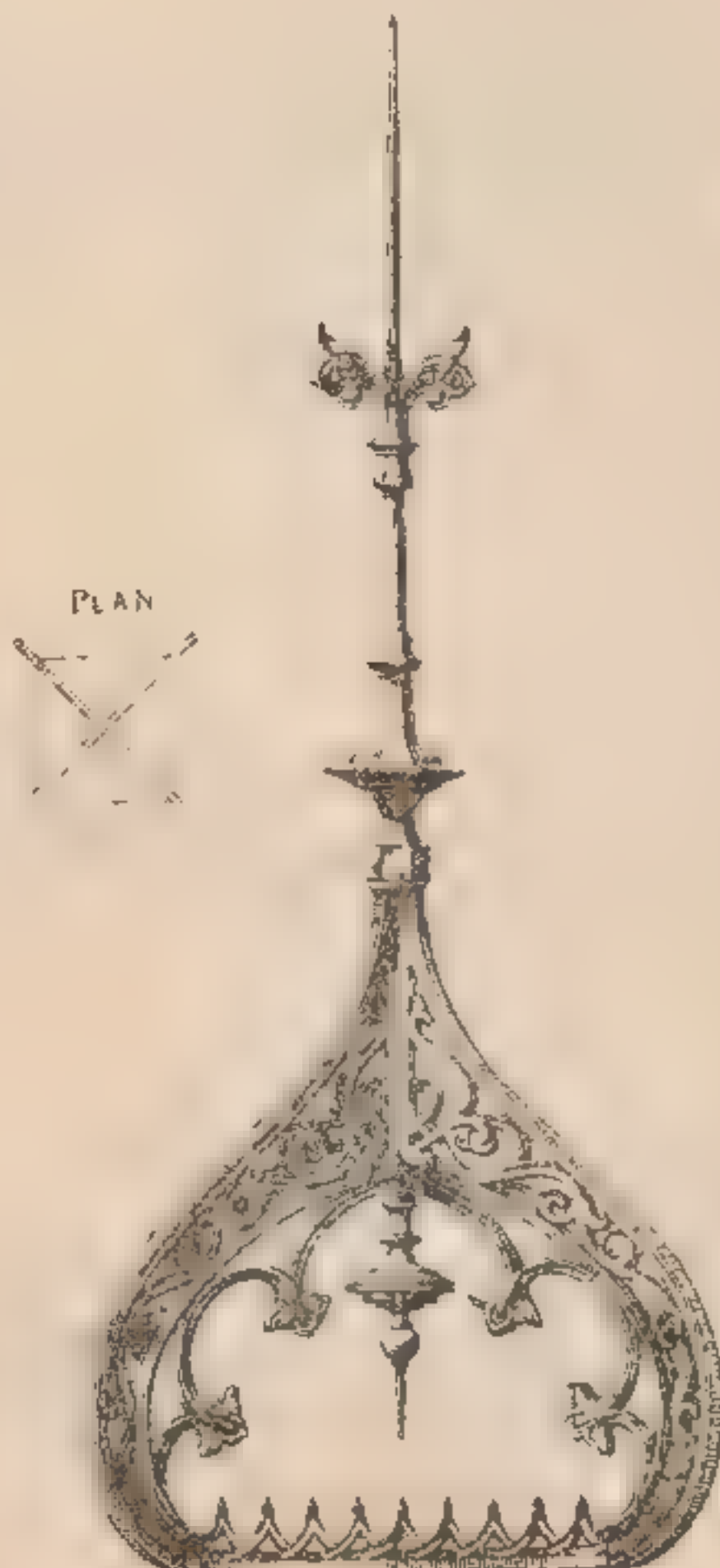
ARMS 4 WAYS

Nº 158



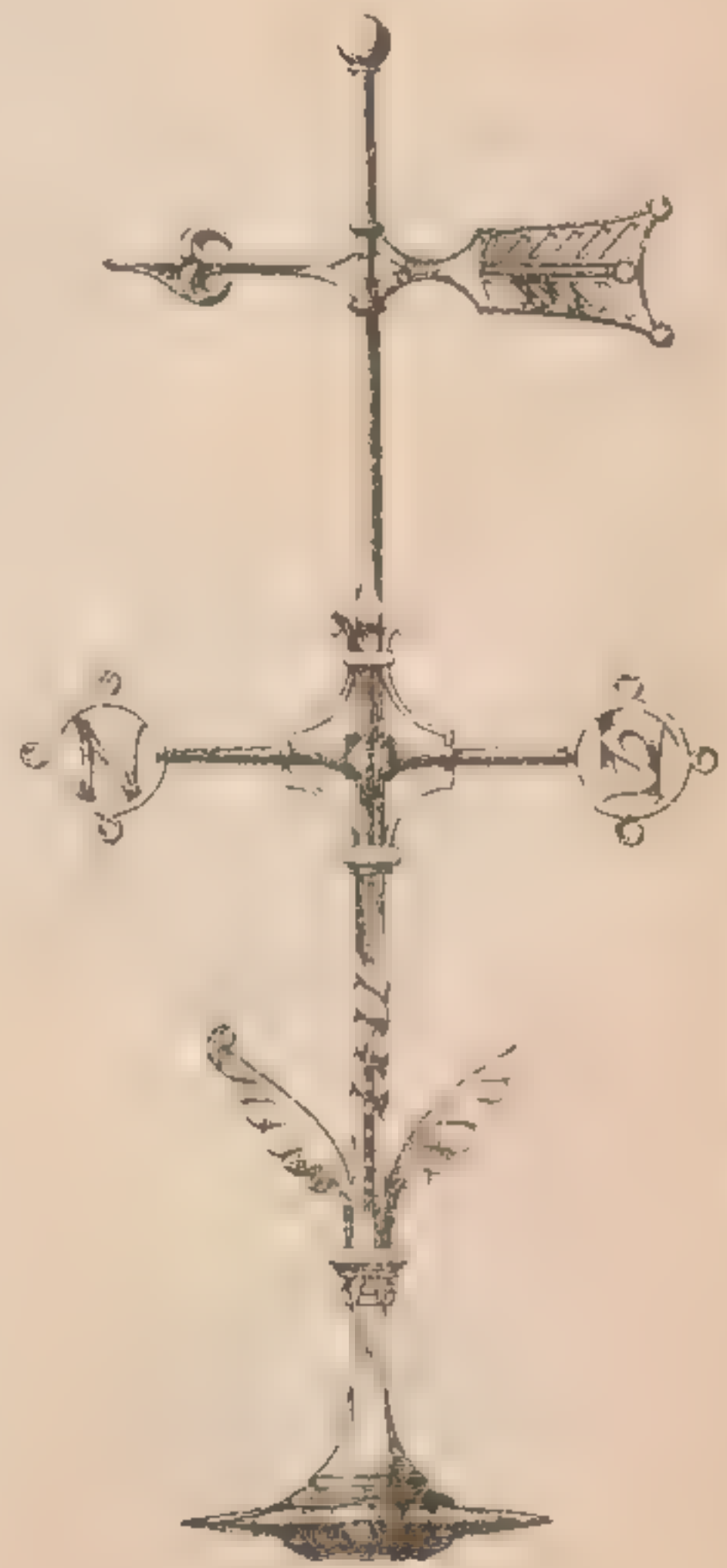
7' 6"

Nº 401



7' 3"

Nº 118



7' 8"



SCALE



4 FEET

MACFARLANE'S CASTINGS — TERMINALS

No 378



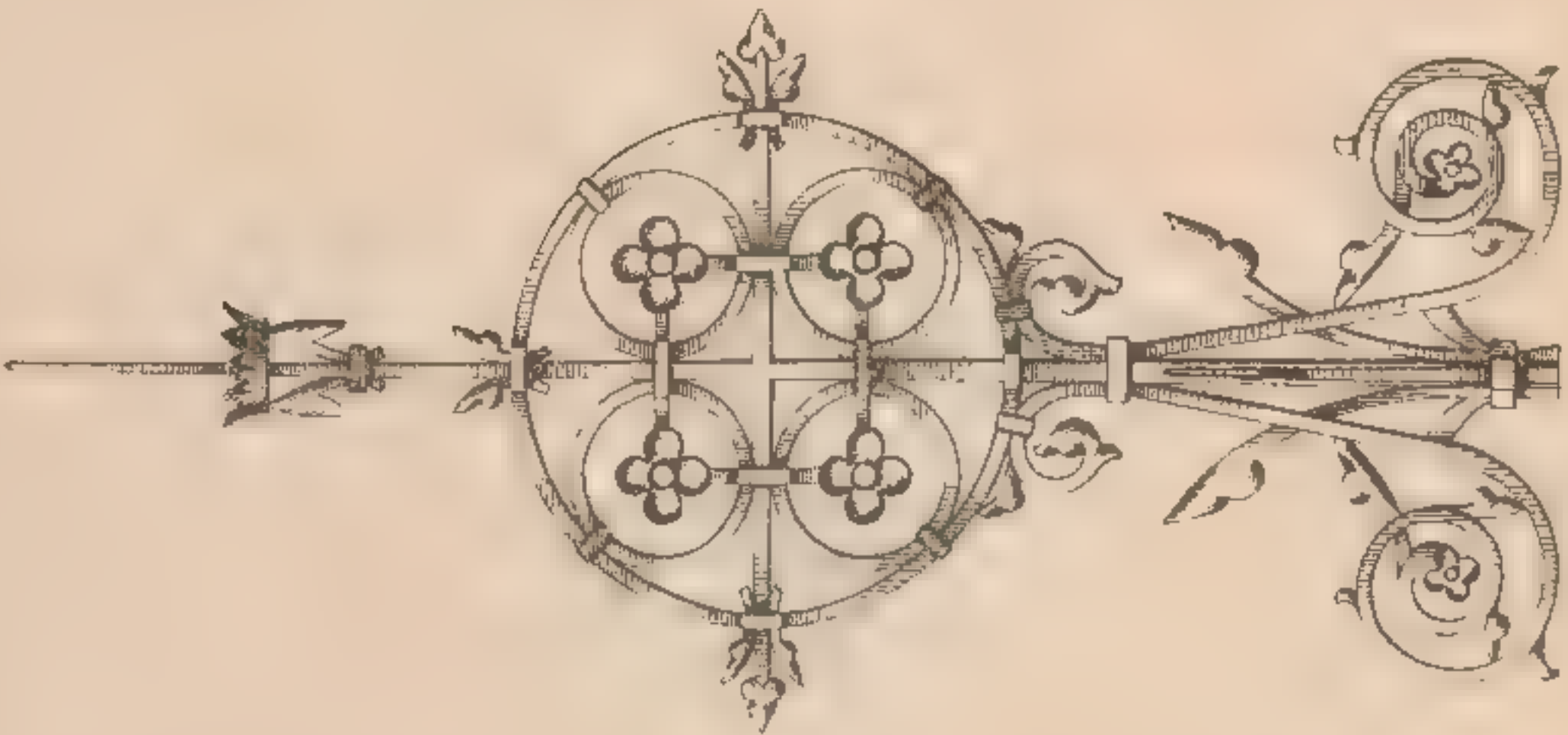
APM 4 WA 5

No 25

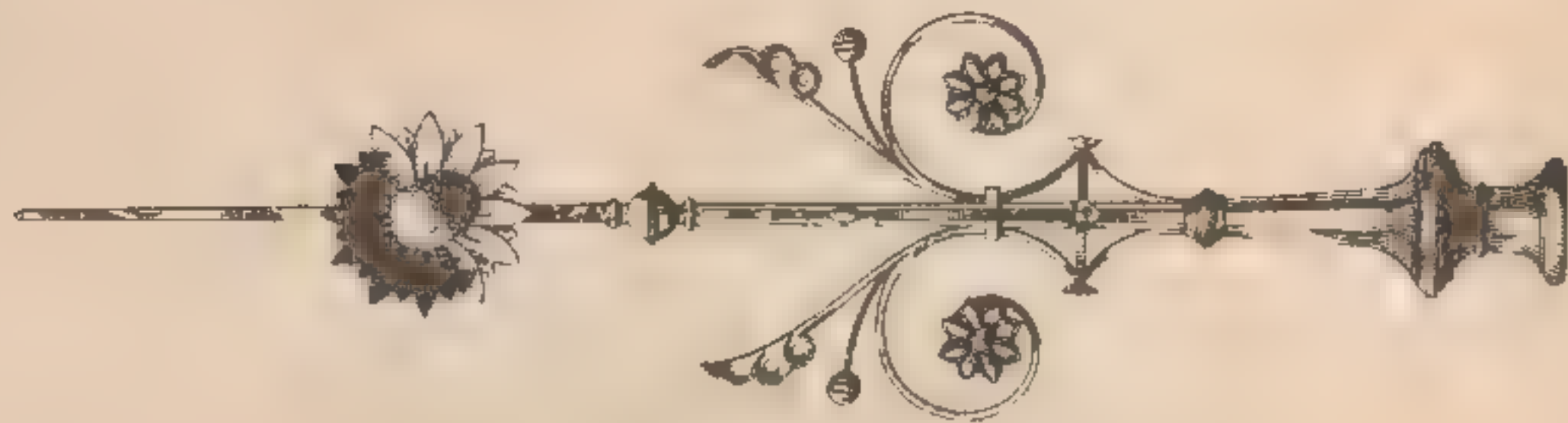


APM 4 WA 5

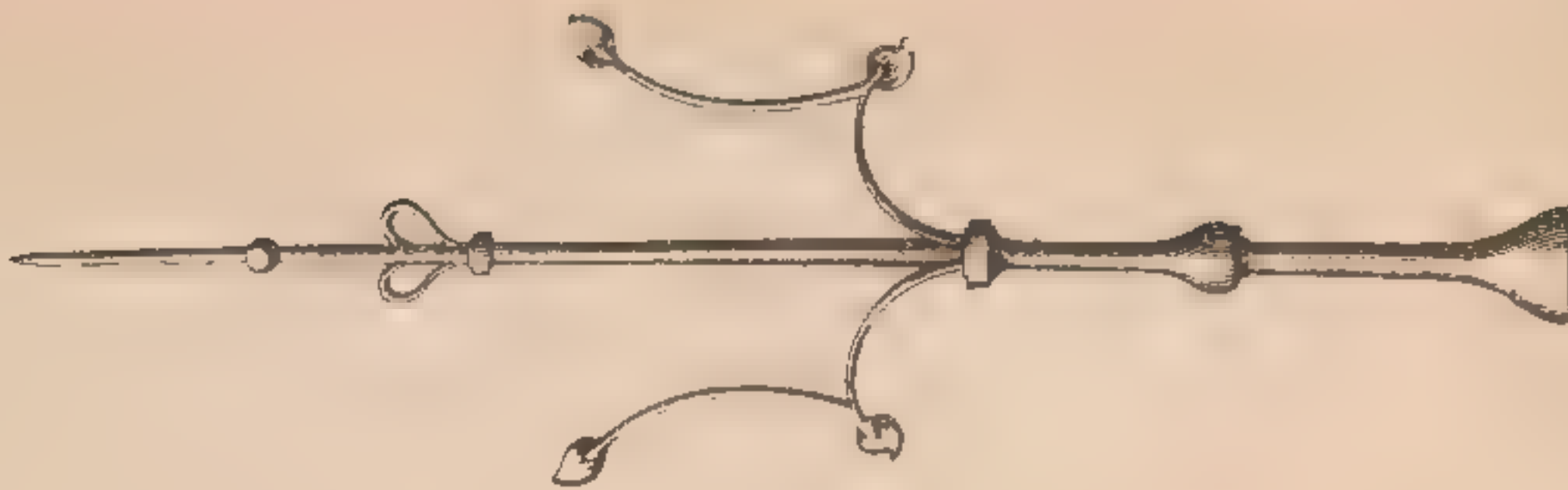
No 134



No 383



No 184



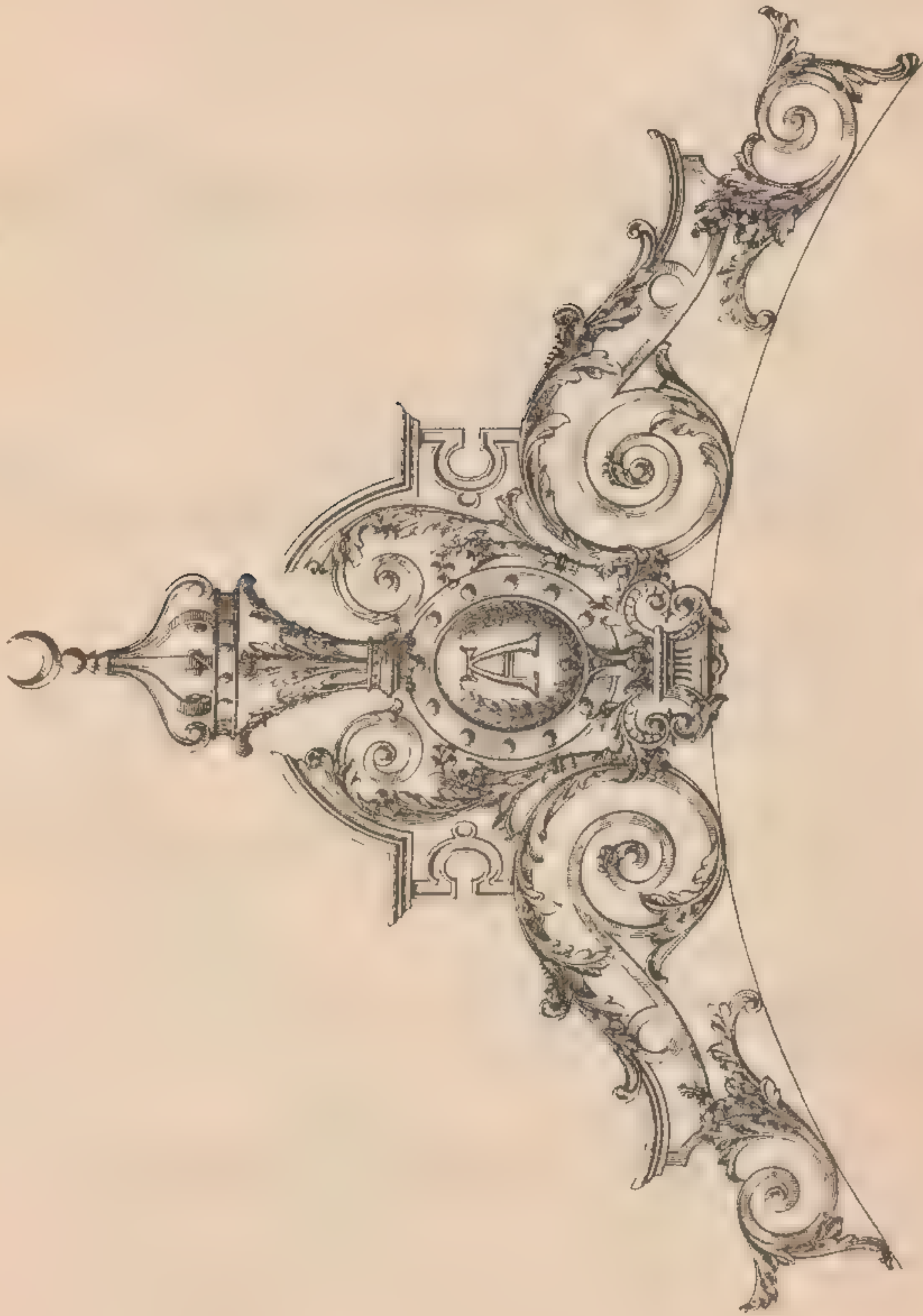
SCALE
1" = 4 FEET

MAGFARLANE'S CASTINGS — TERMINALS

Nº 119



Nº 324



Made flat or to any curve or bevel, and with any monogram, crest, or device to order

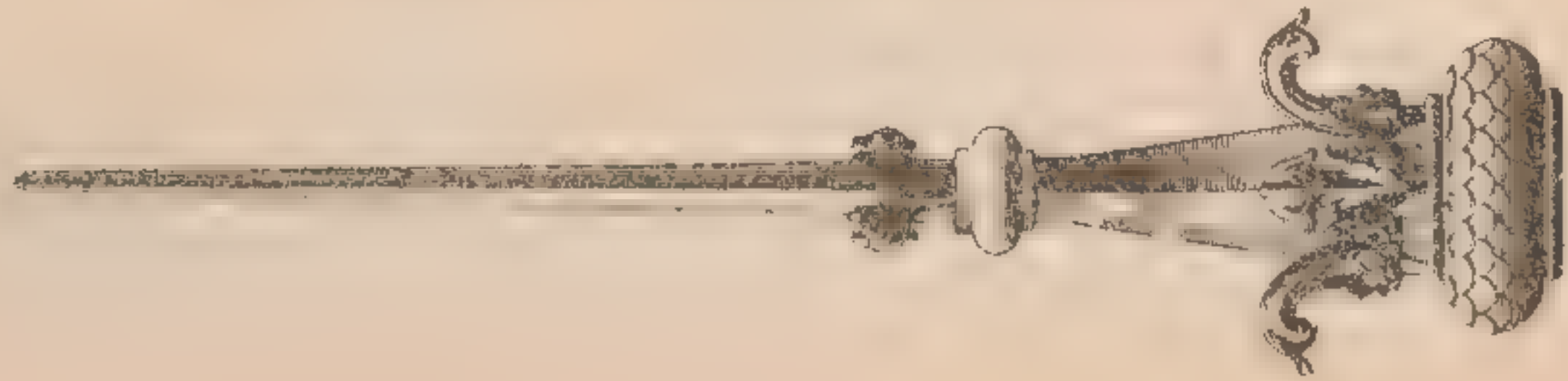


Nº 420



MAGFARLANE'S CASTINGS — TERMINALS

No 415



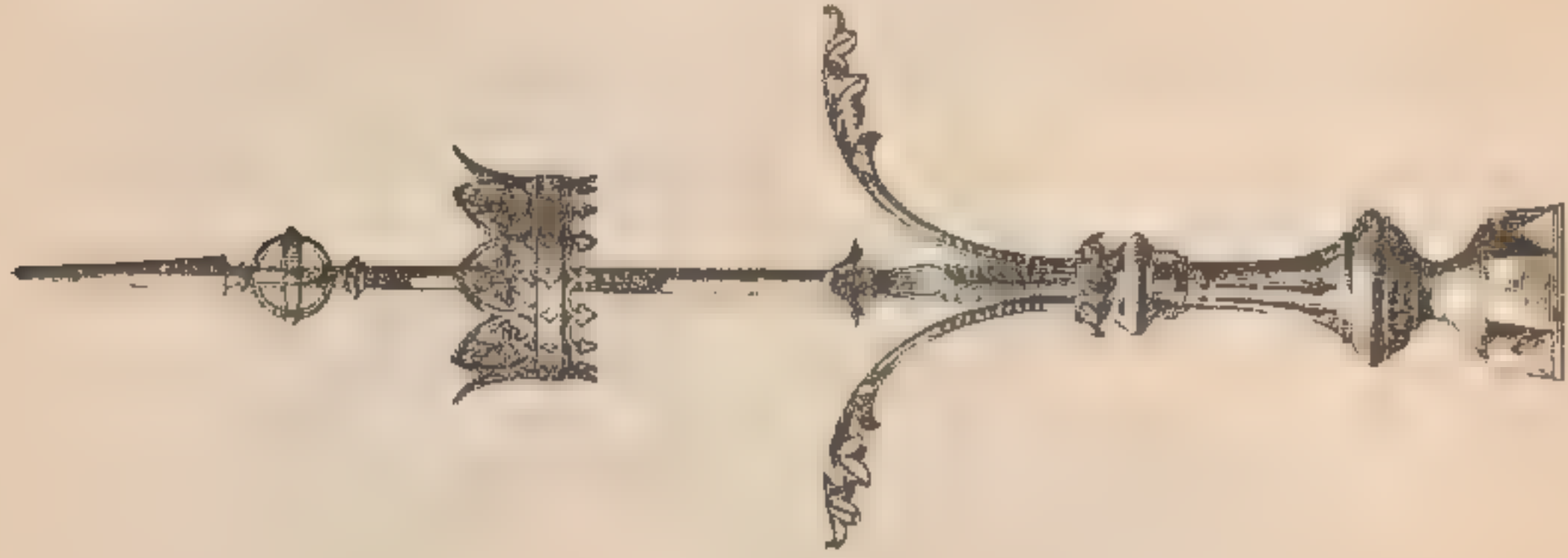
No 158



No 421



No 301



No 458



No 86



ARMS 4 WAYS

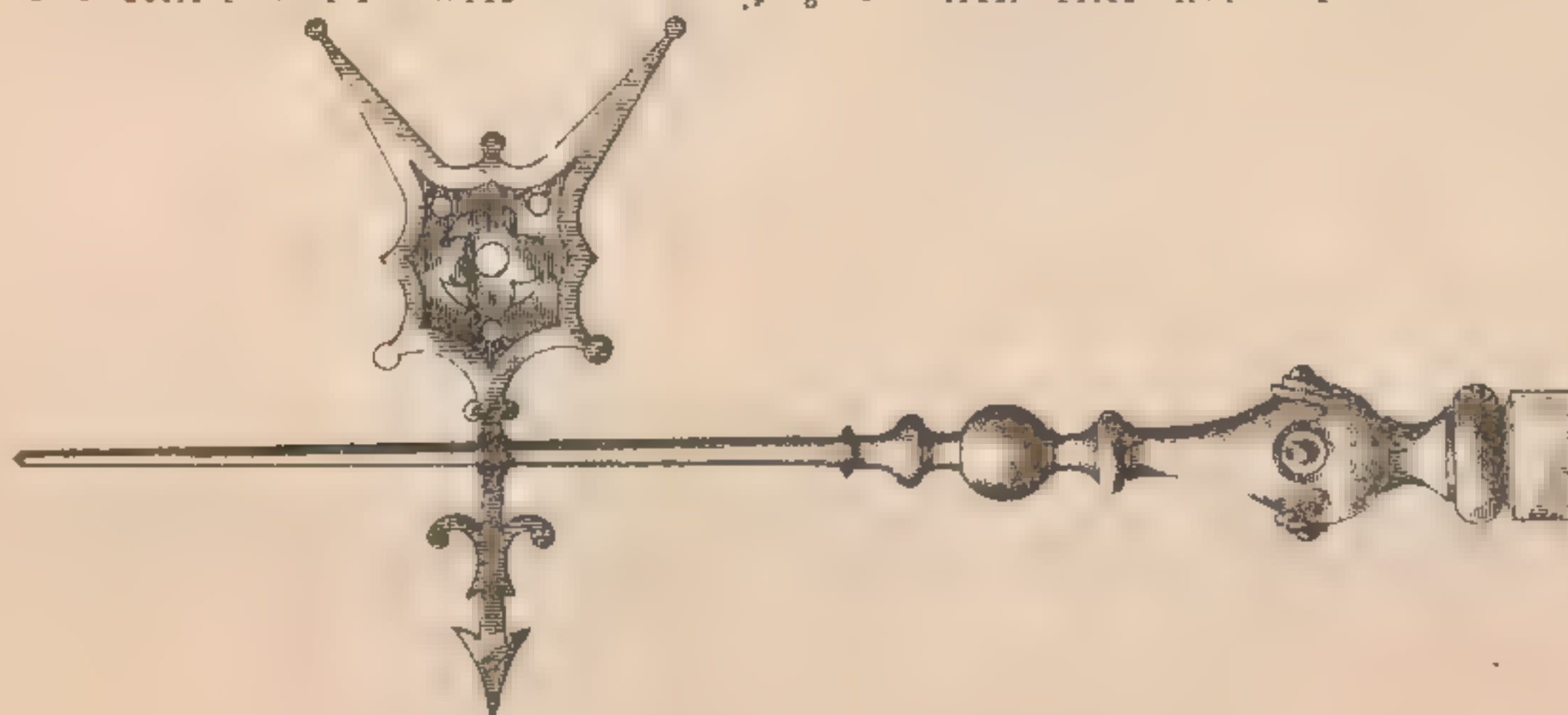
ARMS 4 WAYS

ARMS 2 AND 4 WAYS

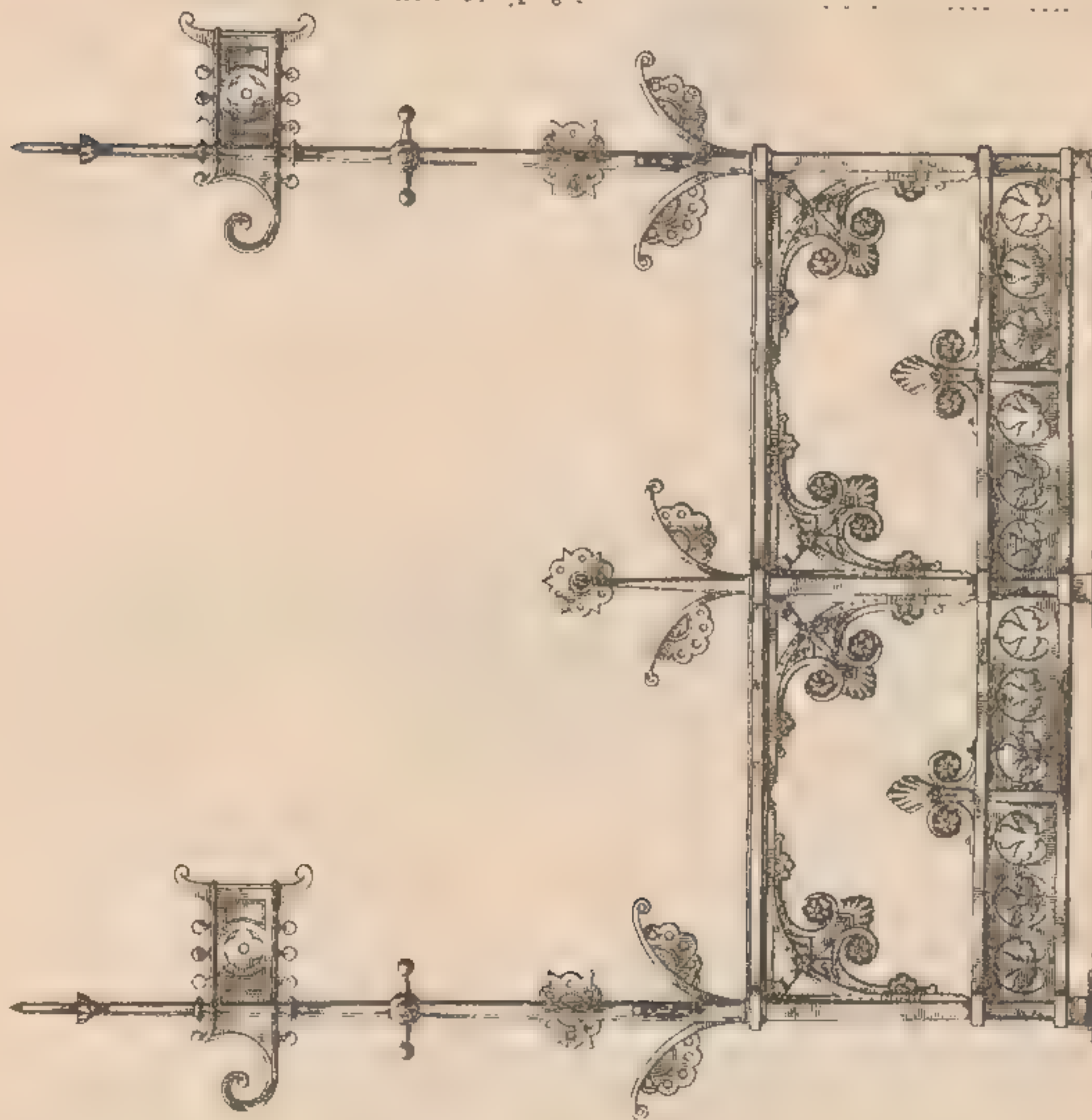
SCALE
1/2 3 4 FEET

MACFARLANE'S CASTINGS — TERMINALS

Nº 59



Nº 242

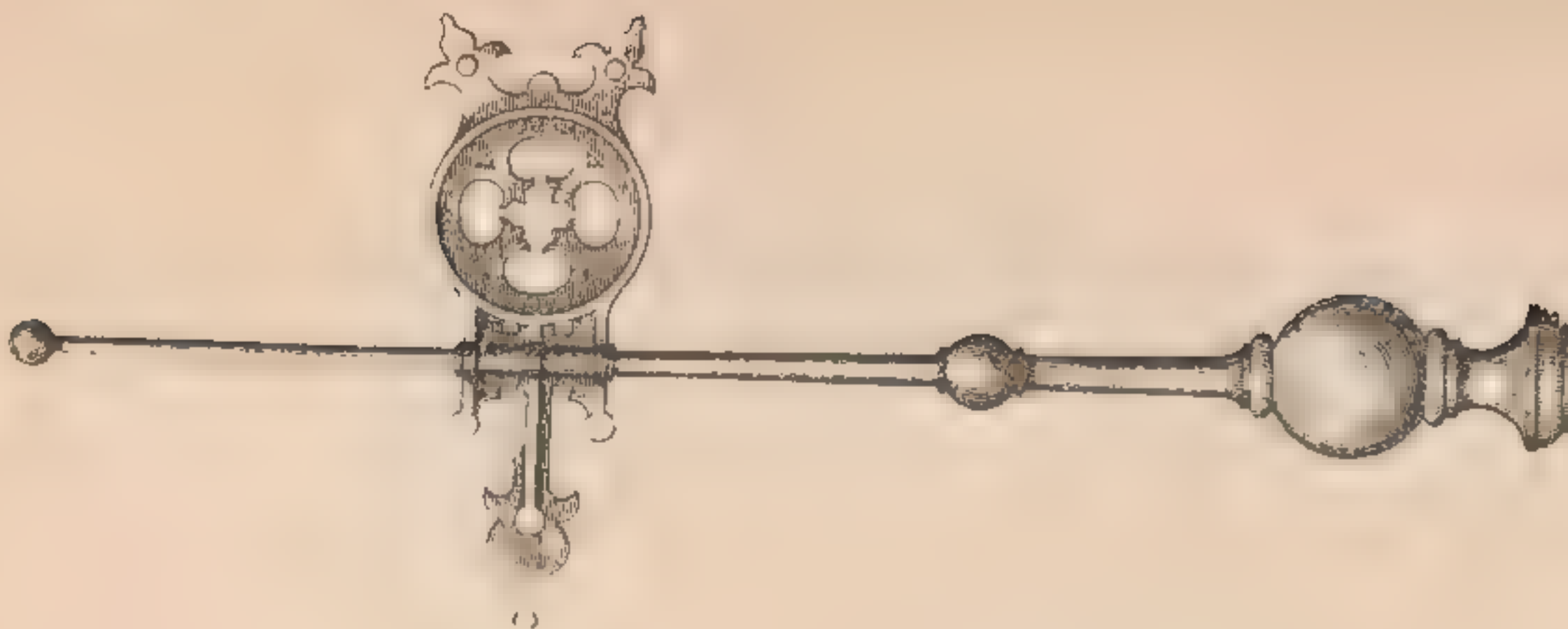


7 6 9

Other lengths to order.

SCALE
1 2 3 4 FEET

Nº 65



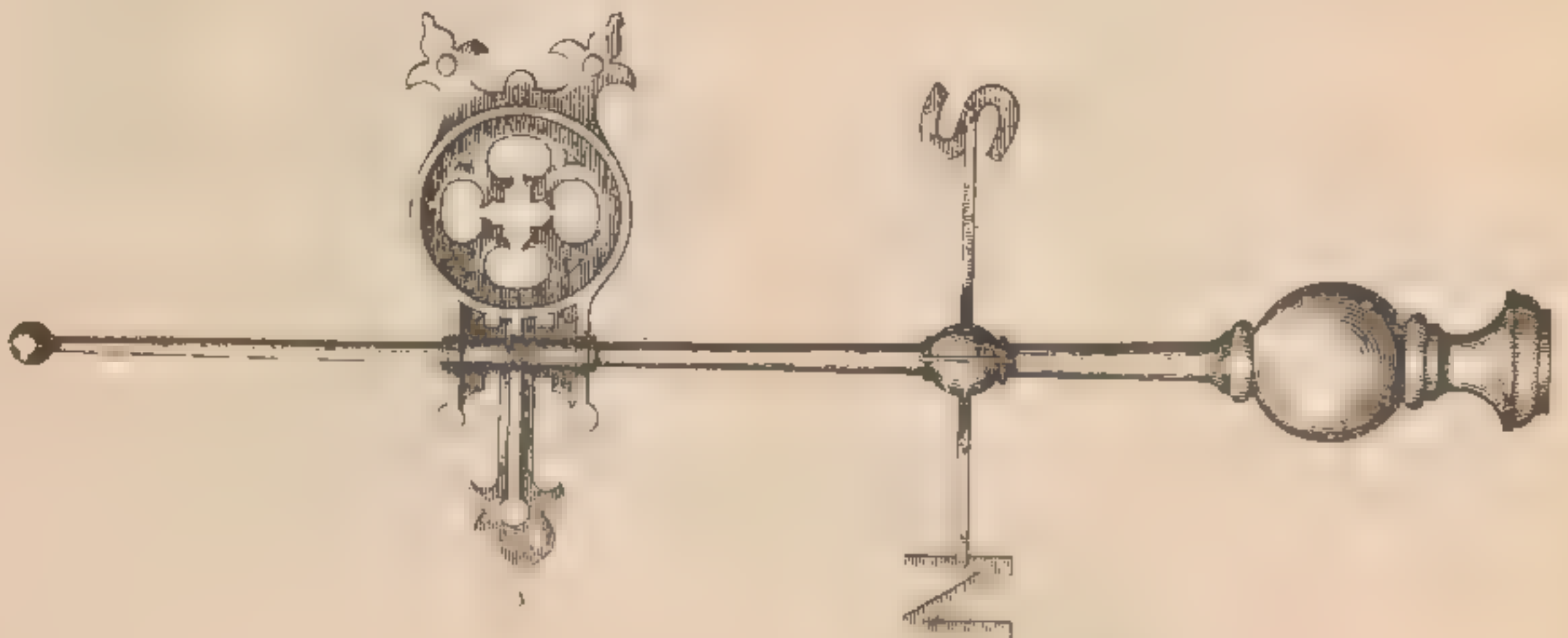
MACFARLANE'S CASTINGS - TERMINALS

No 422



ARMS 4 WAY

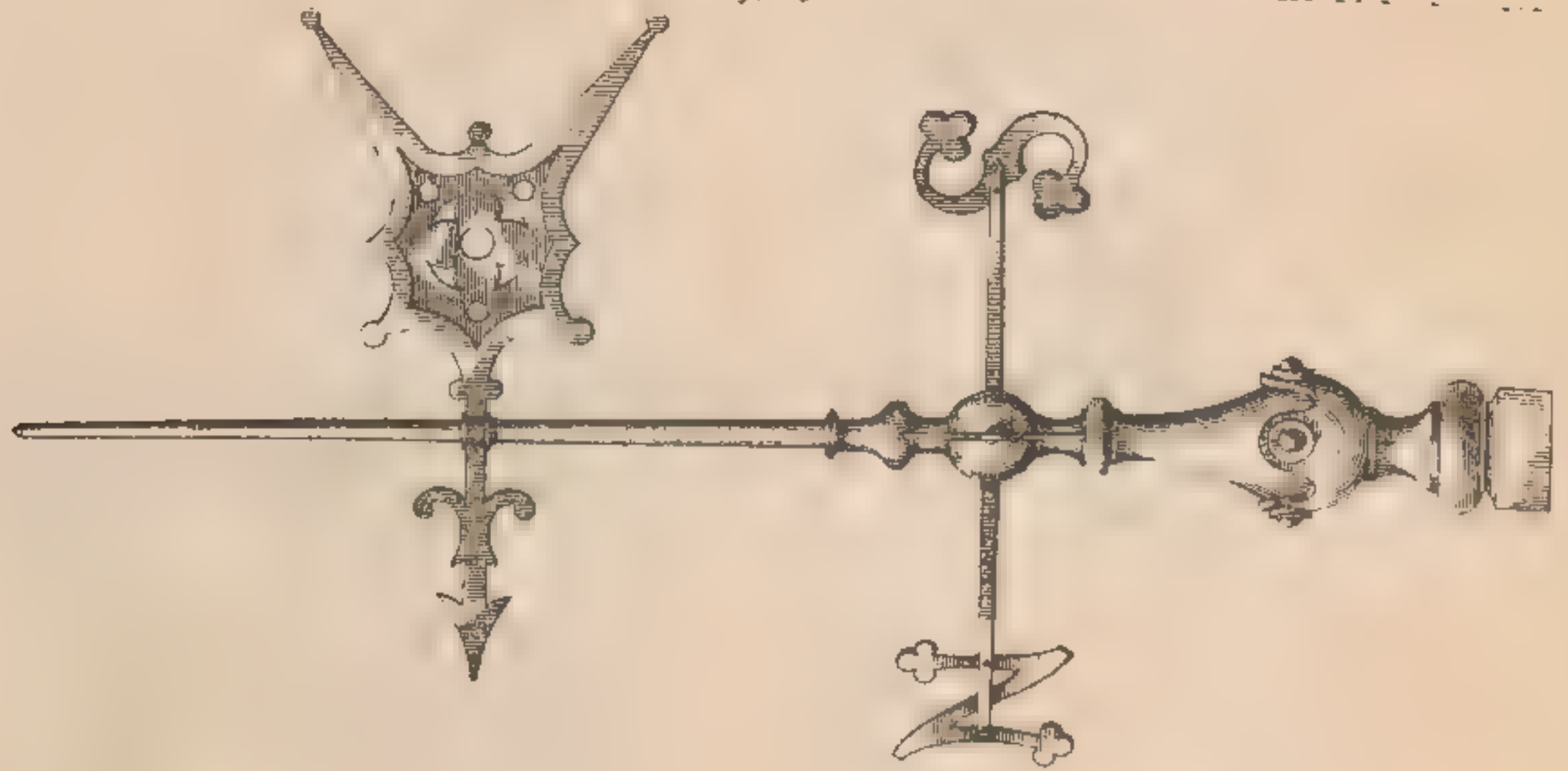
No 65



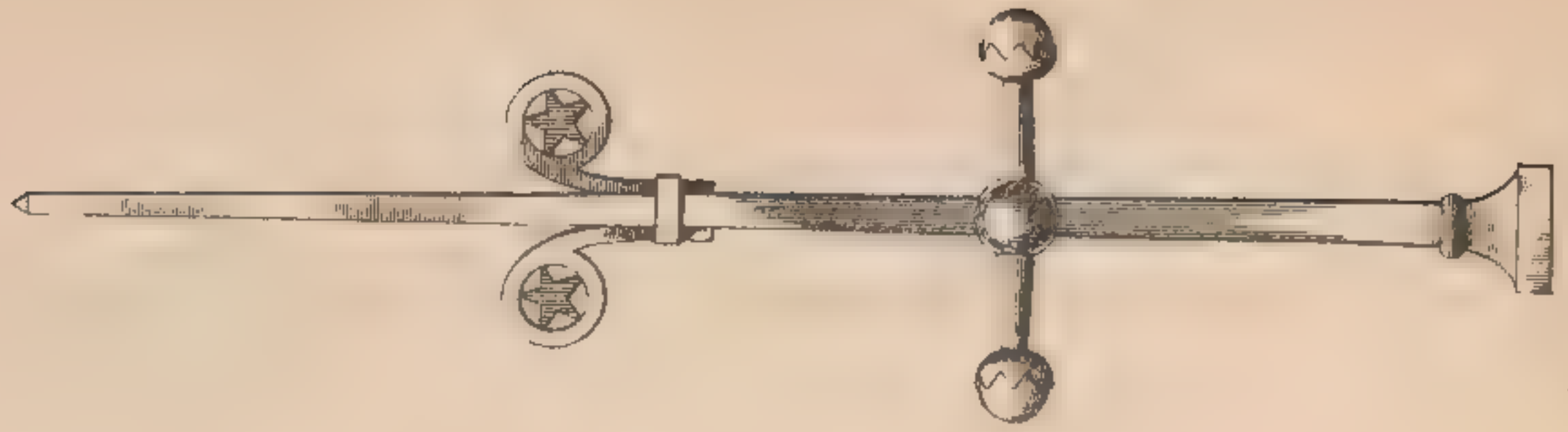
No 224



No 59



No 135



ARMS 2 AND 4 WAYS

SCALE
1" = 2'
4 FEET

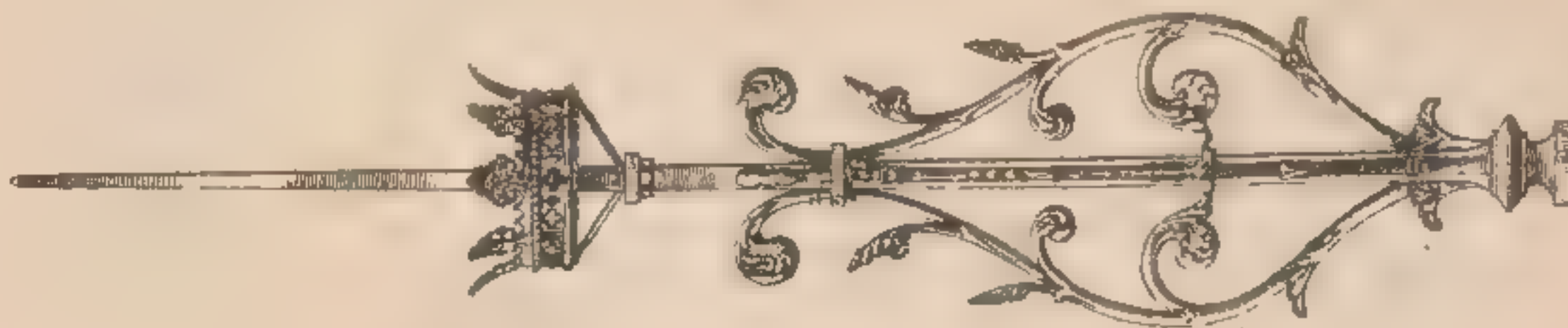
Nº 26



SIDE VIEW AT A

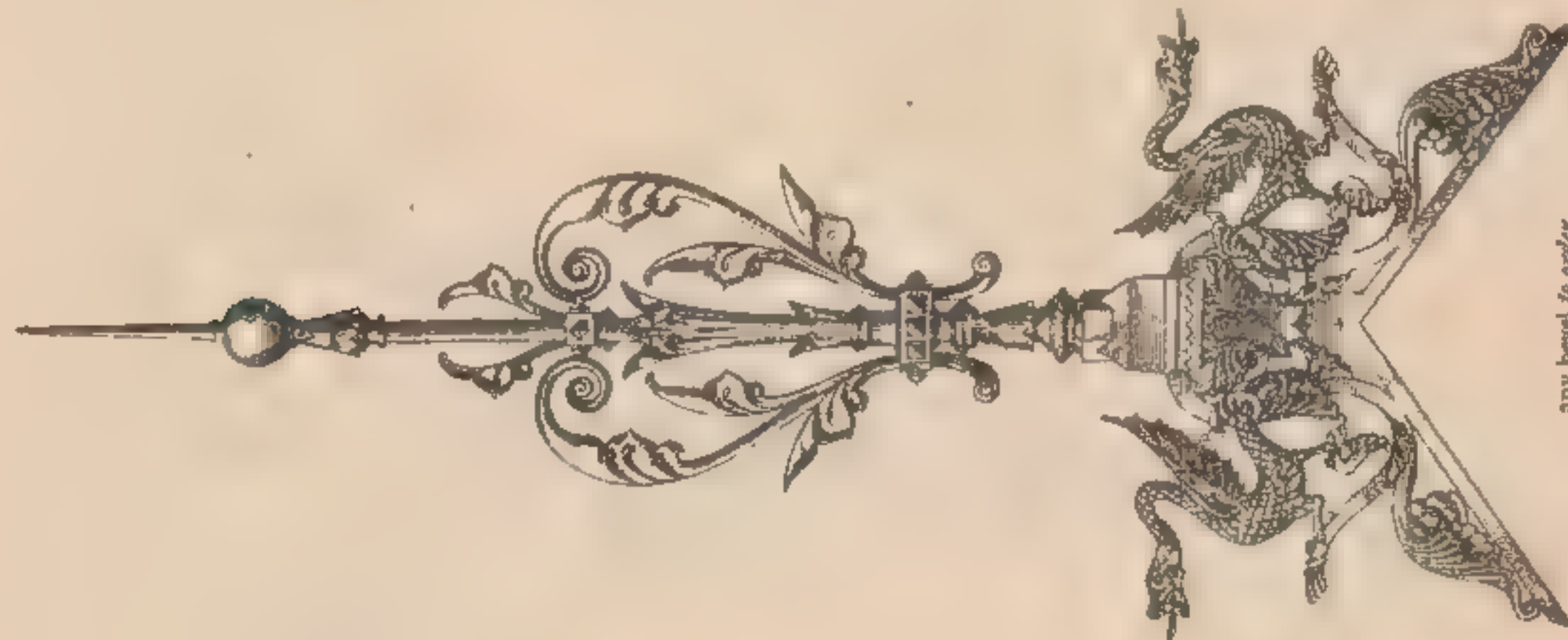


Nº 30



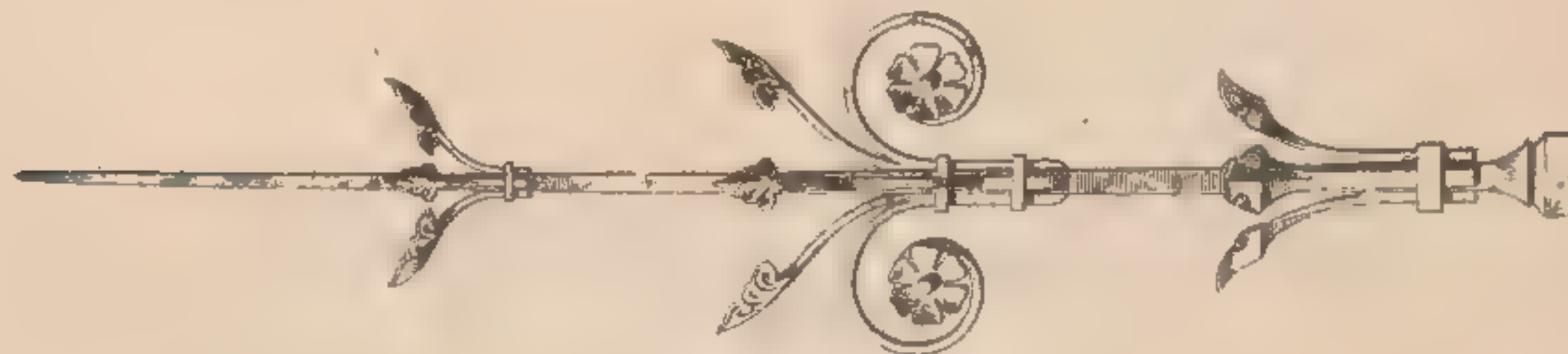
ARMS 2 AND 4 WAYS

Nº 63



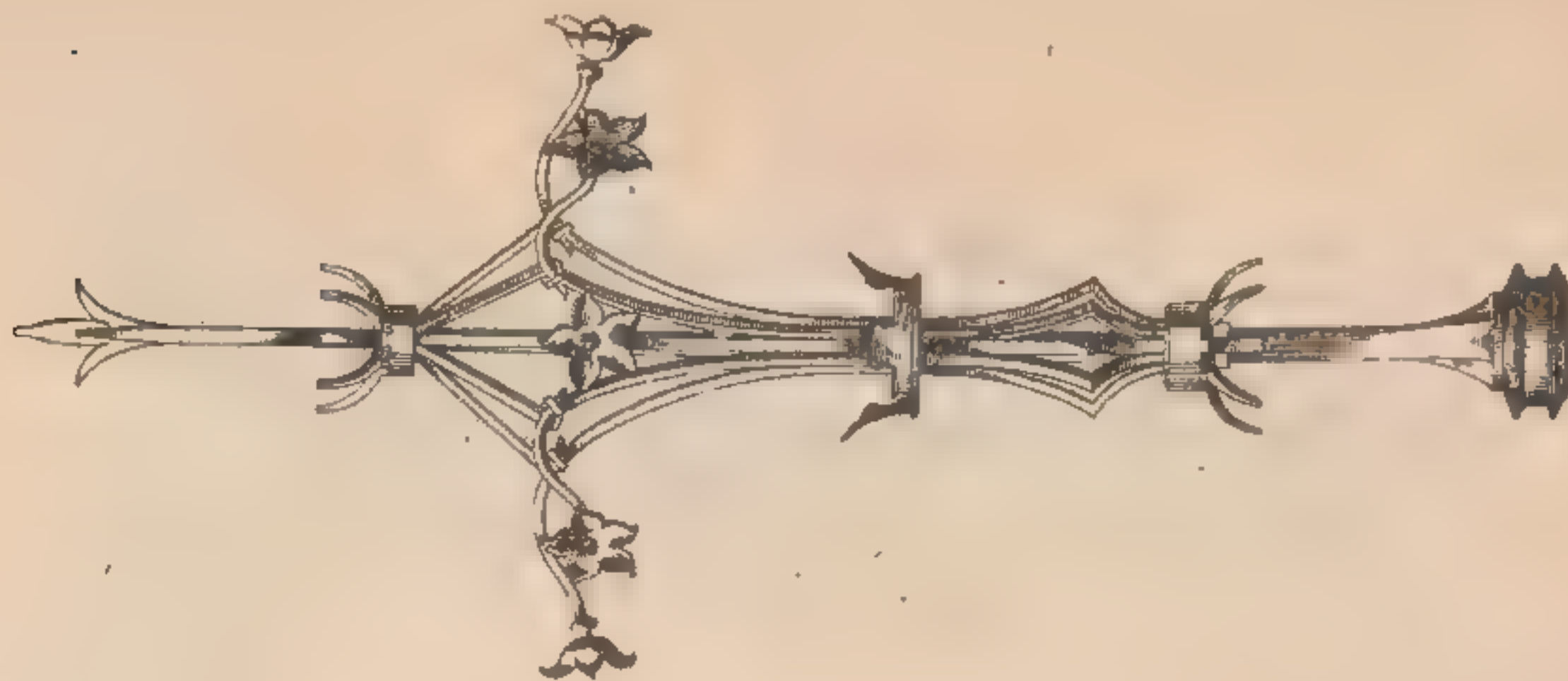
any bevel to order.

Nº 283



ARMS 4 WAYS

Nº 192

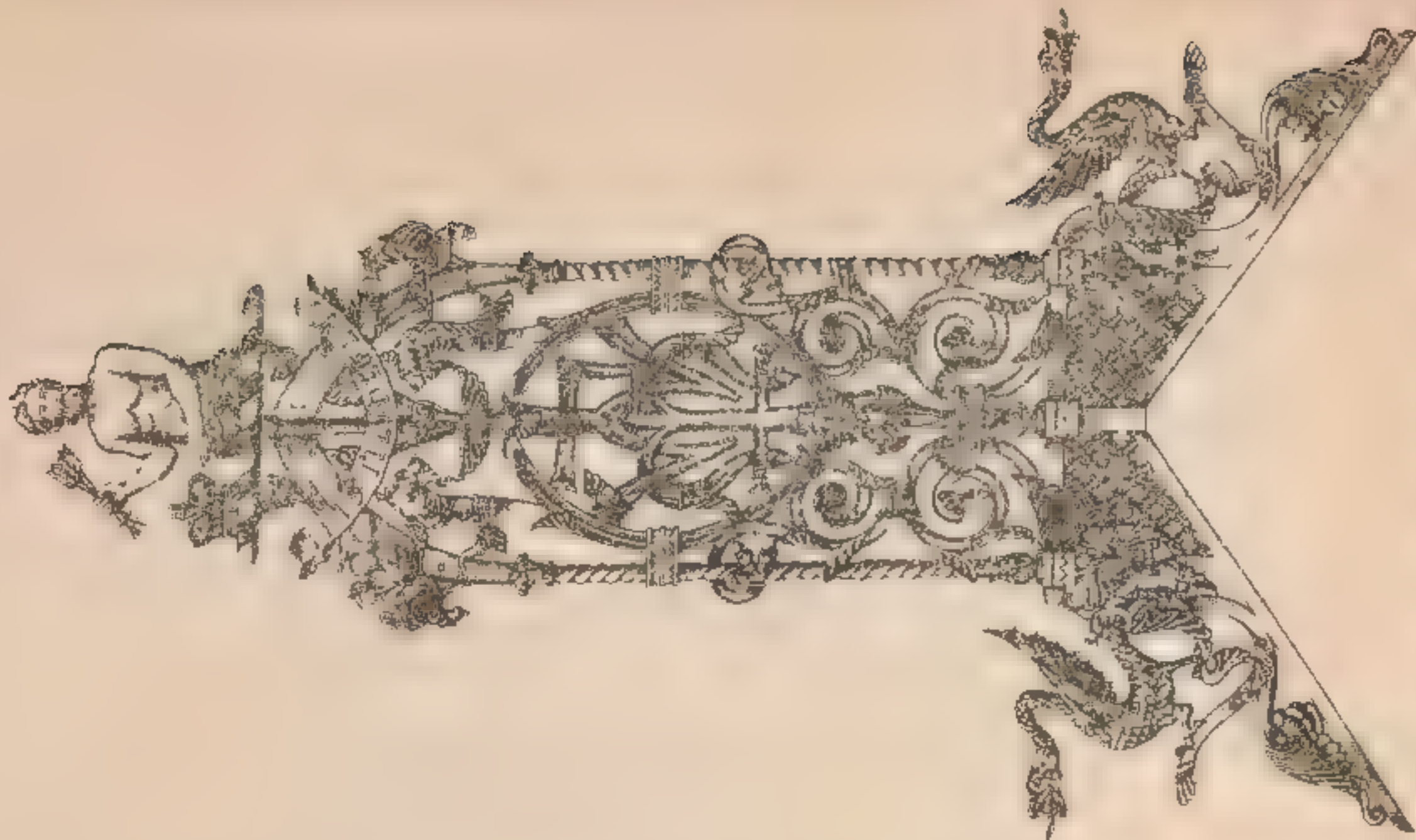


ARMS 8 WAYS

SCALE
1' 2' 3' 4' 5' 6' 7' 8' 9' 10'

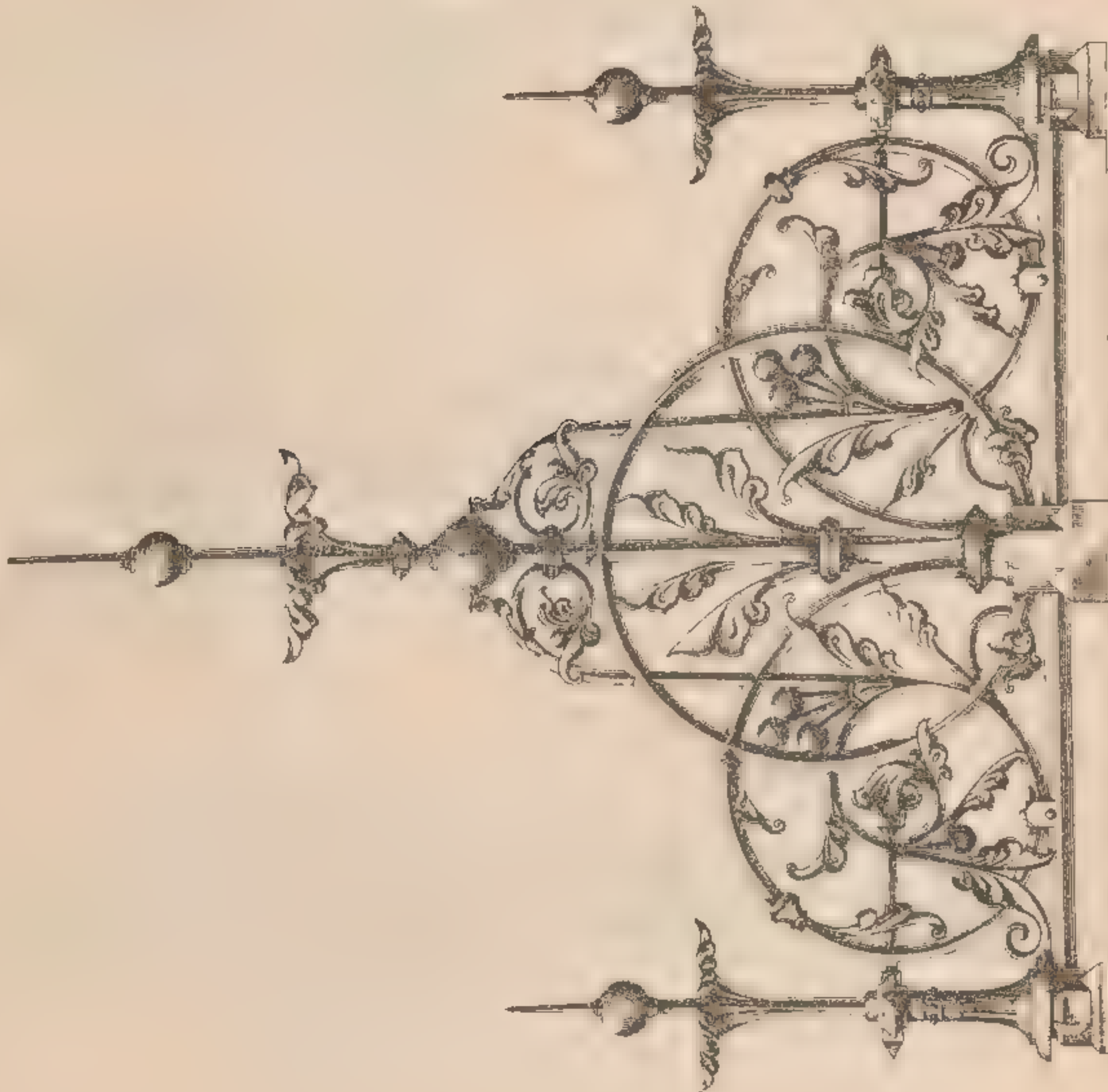
MACFARLANE'S CASTINGS — TERMINALS

Nº 92



Made to any bevel or form of base and with a ly monogram crest, or device to order

Nº 169



7' 9"
1 AND 2 FACES

50 A. 12 4 FEE

Nº 186



ARMS 4 WAYS

MACFARLANE'S CASTINGS — TERMINALS

Nº 462



ARMS 2 AND 4 WAYS

Nº 169

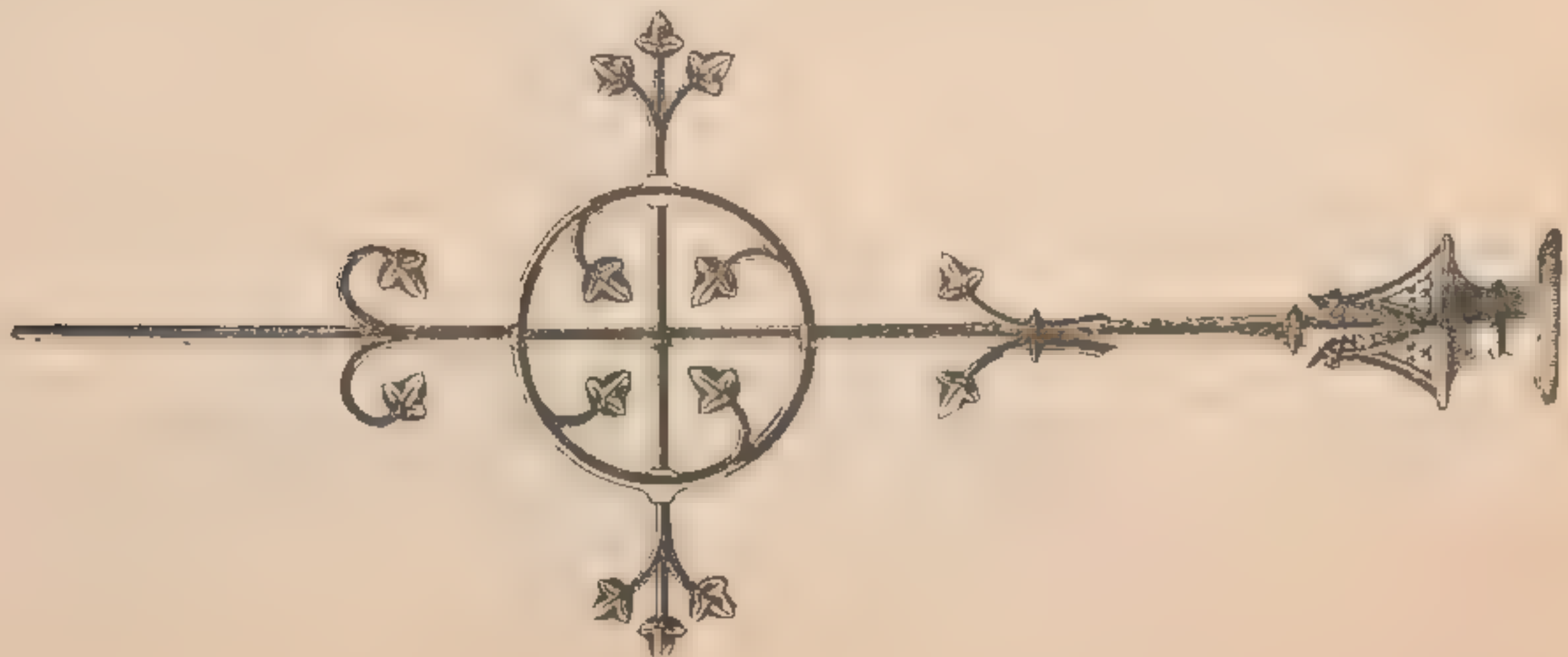


13 0' -
AND 2 FACES

SCALE
1" = 1' 0"

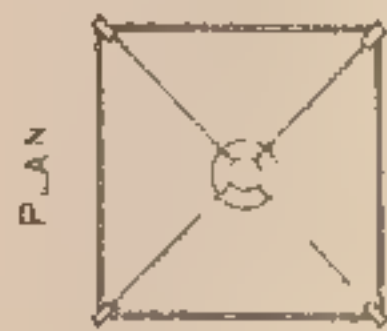
MACFARLANE'S CASTINGS — TERM 'A.S.

Nº 25

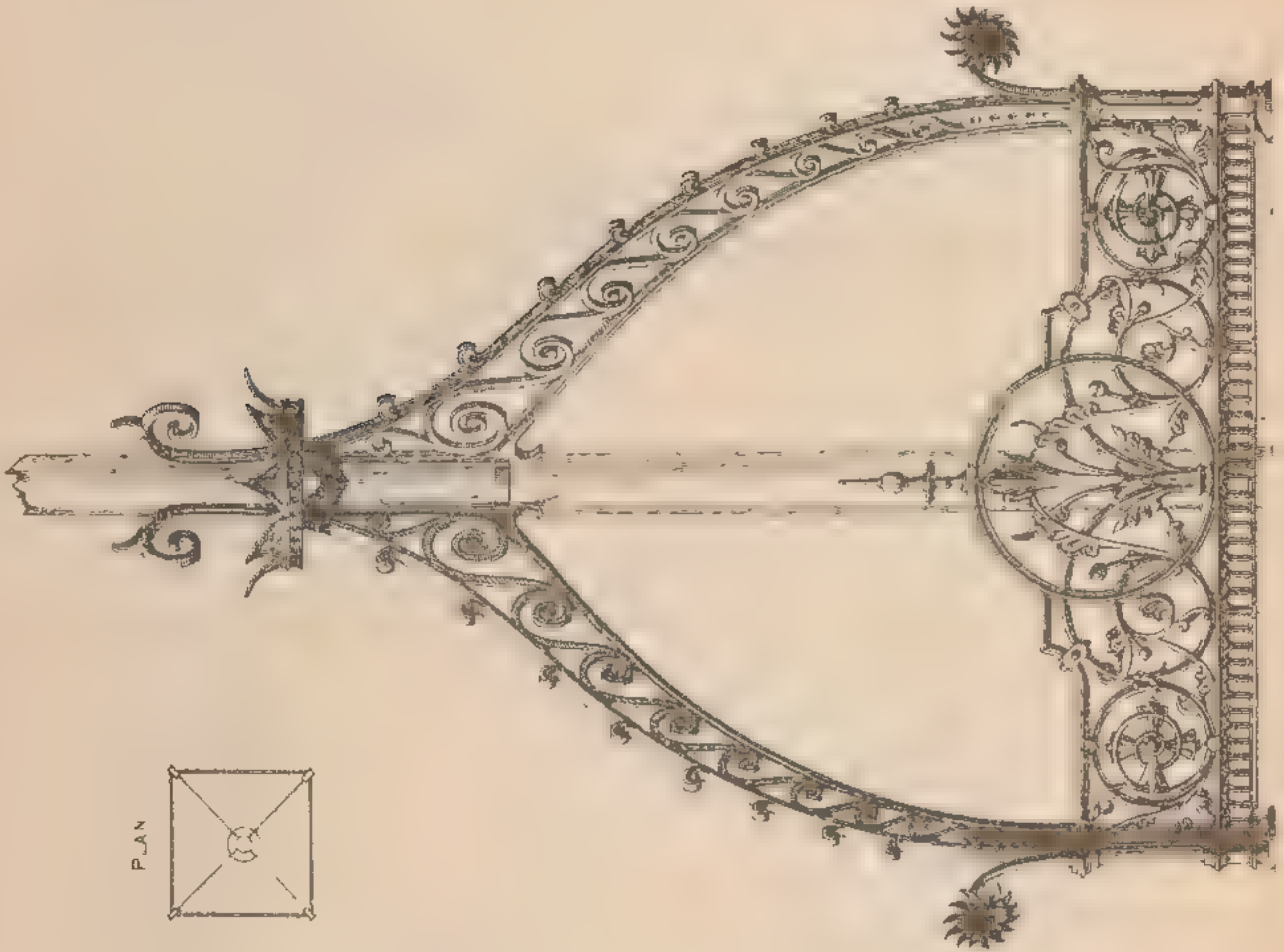


ARMS 2 AND 4 WAYS

Nº 436

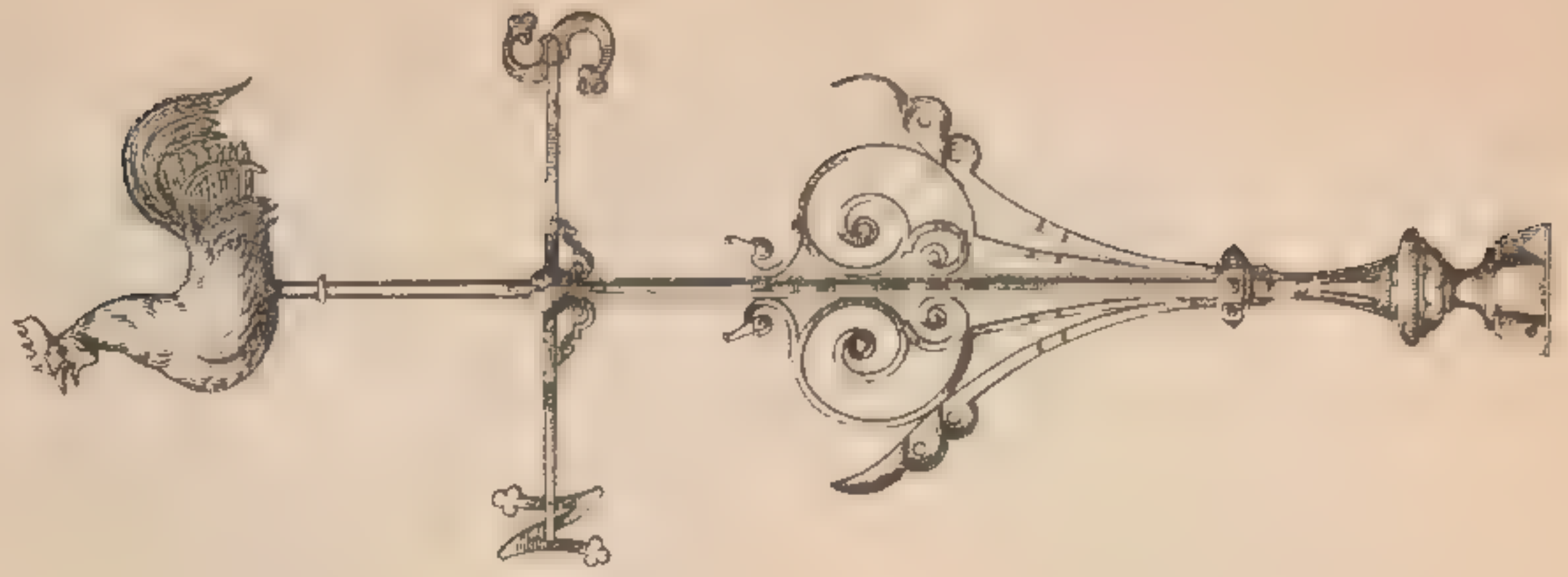


PLAN



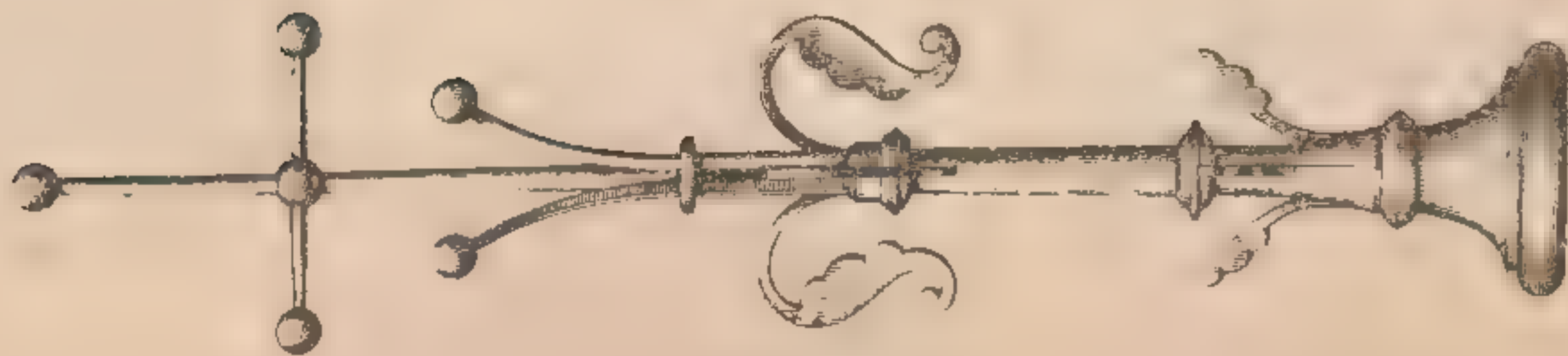
SCALE 2' 6" 4 FEET

Nº 207



MACFARLANE'S CASTINGS - TERMINALS

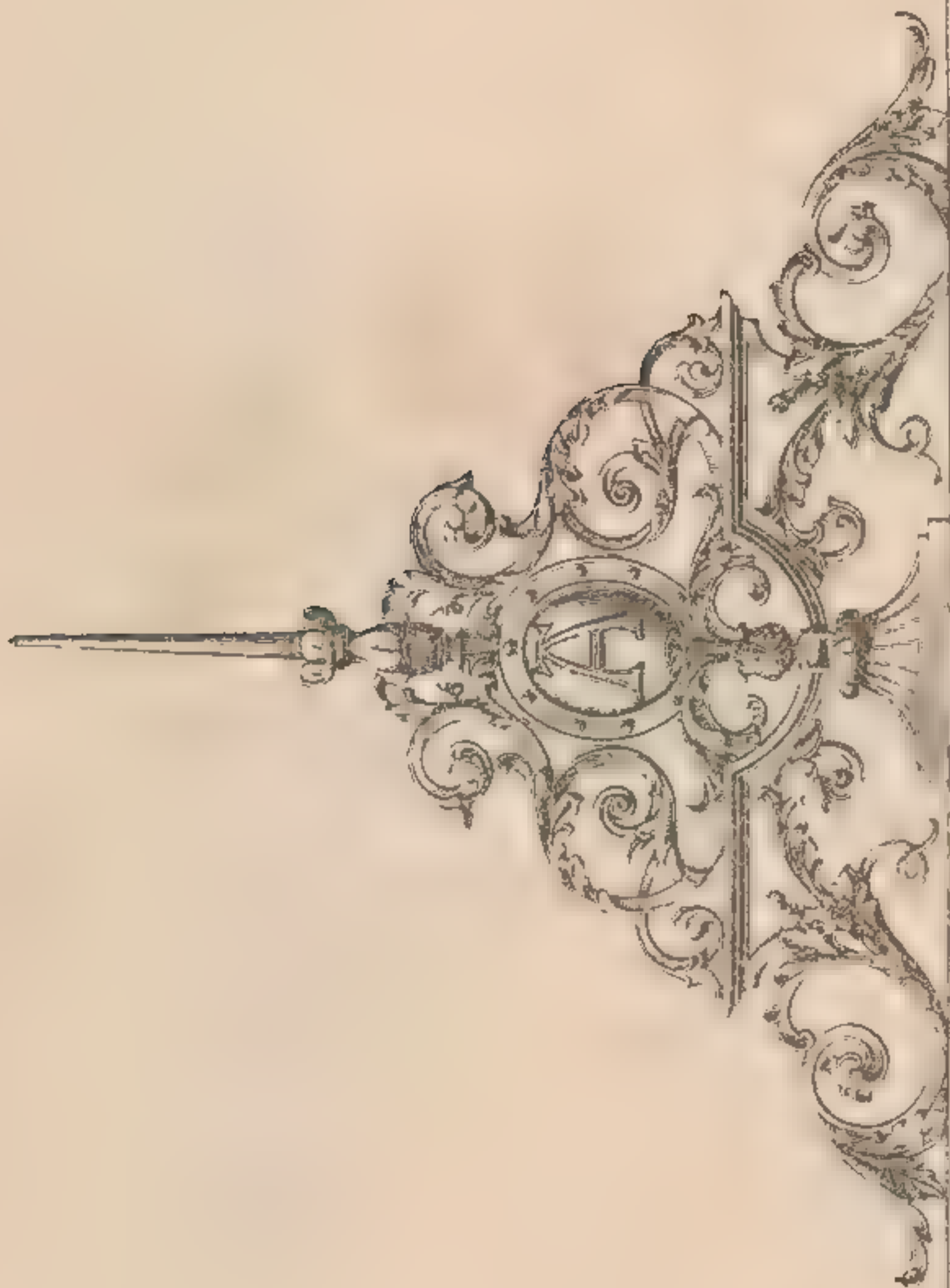
No 34



ARMS 4 WAYS

0 6

No 323



SCALE

4 FEET

No 27



ARMS 4 WAYS

0 6

0 6

MACFARLANE'S CASTINGS — TERMINALS

No 169



17 3' 1 FACE
other lengths to order

SCALE

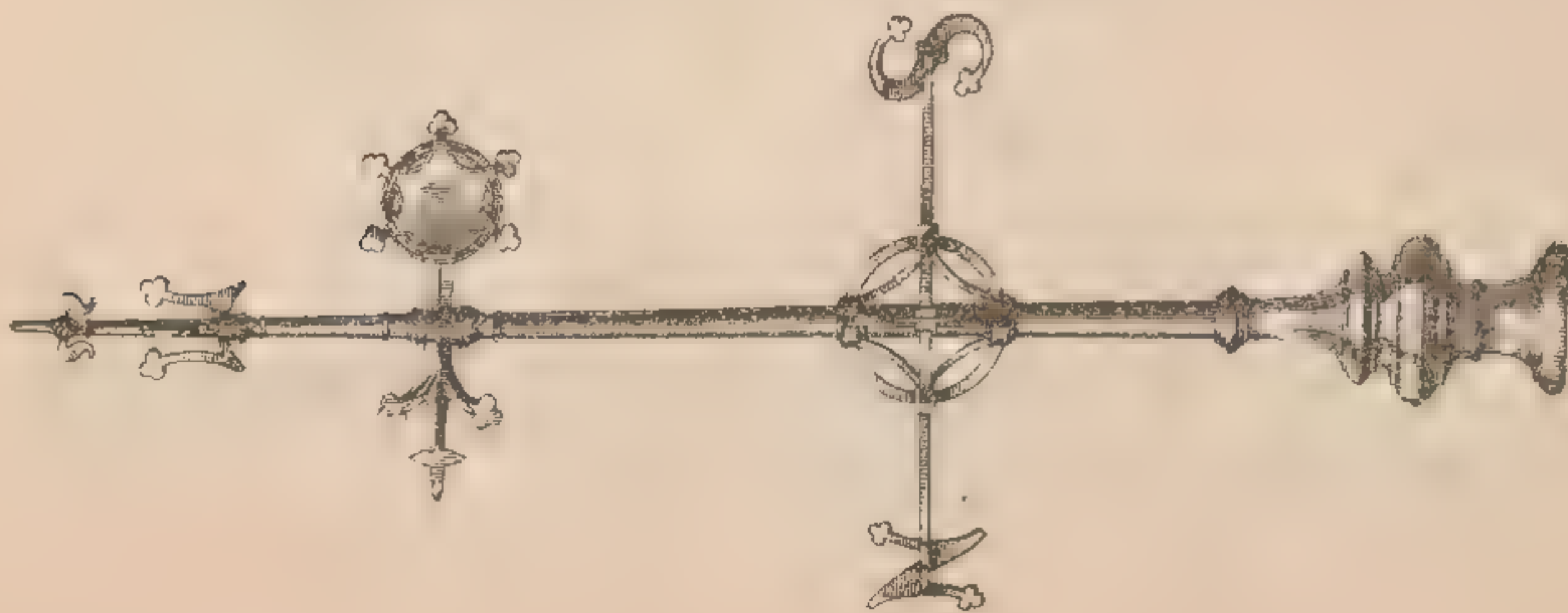
2

1 1/2" = 1' 0"

4 FEET

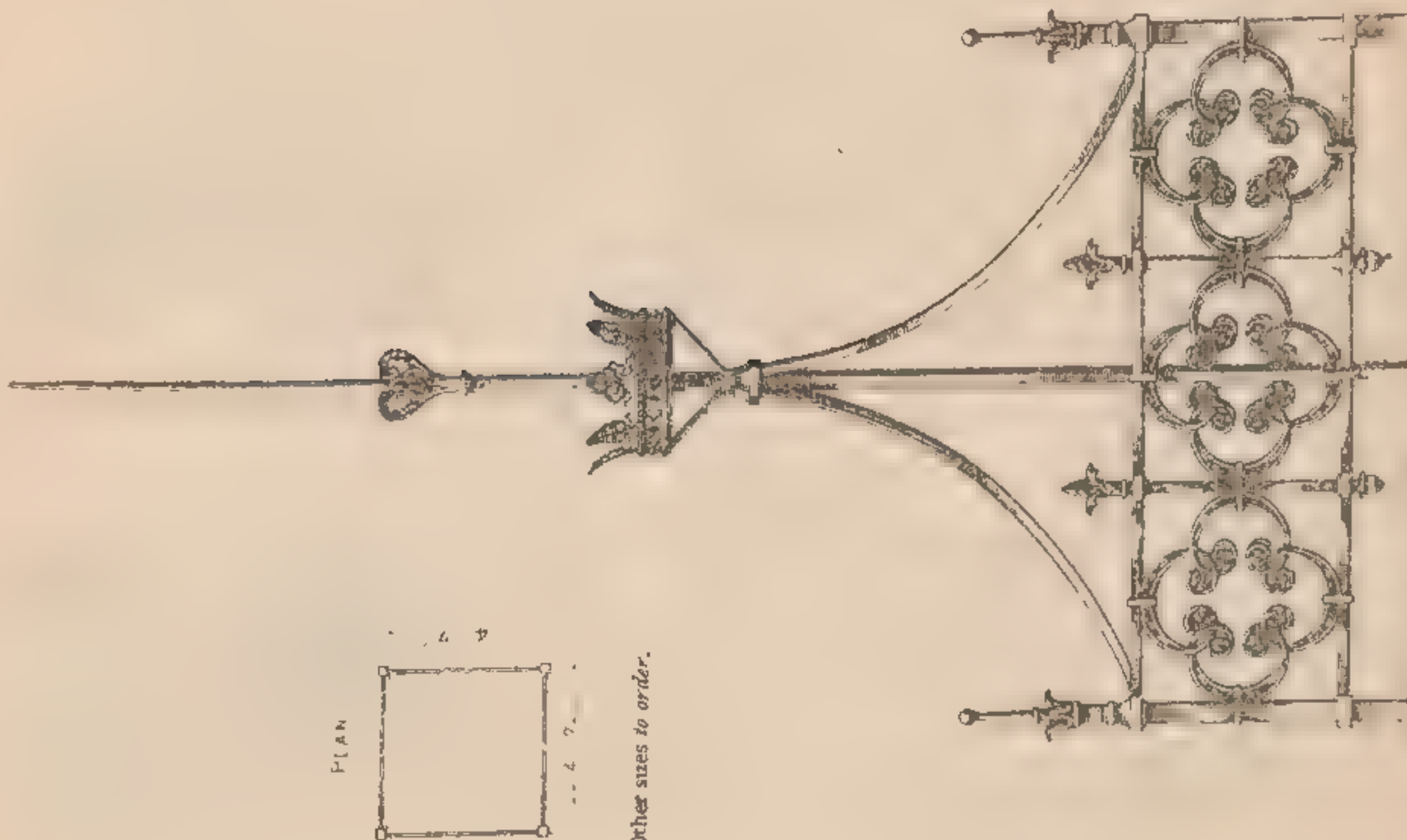
MACFARLANE'S CASTINGS — TERMINALS

No 62



6 6

No 263



PLAN

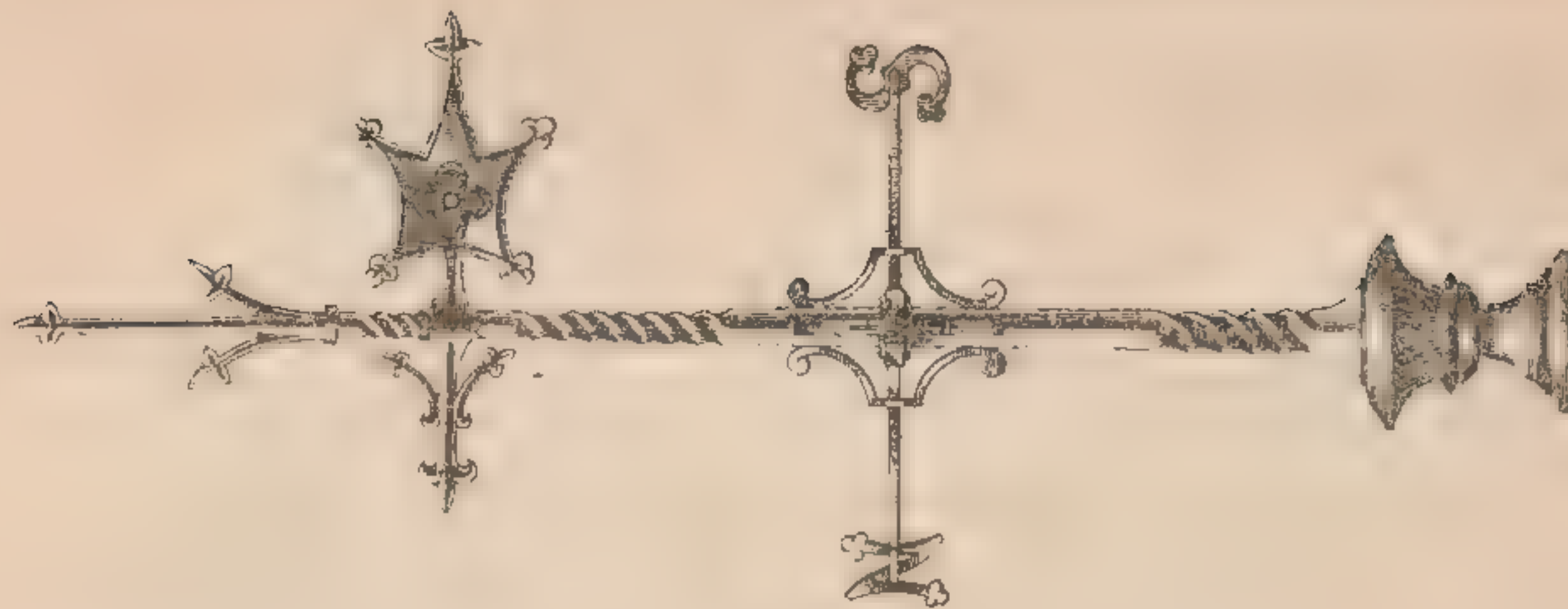


Other sizes to order.

SCALE

4 FEET

No 61



6 6

MACFARLANE'S CASTINGS — TERMINALS

Nº 207



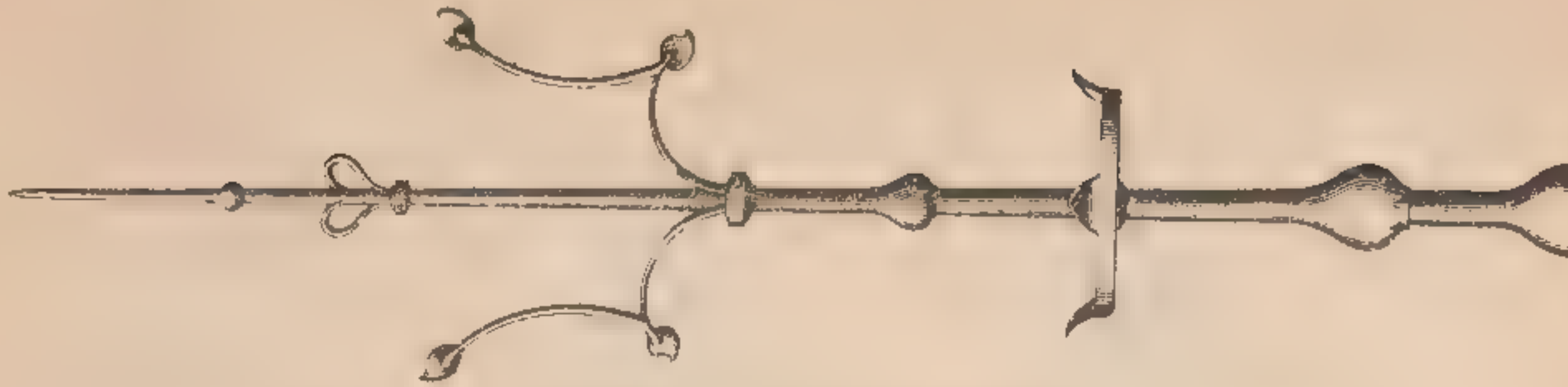
Nº 428



Nº 420



Nº 184



Any inscription, arms, or device on shield to be added.

SCALE
1" = 2' 0"

4 FEET



Nº 310



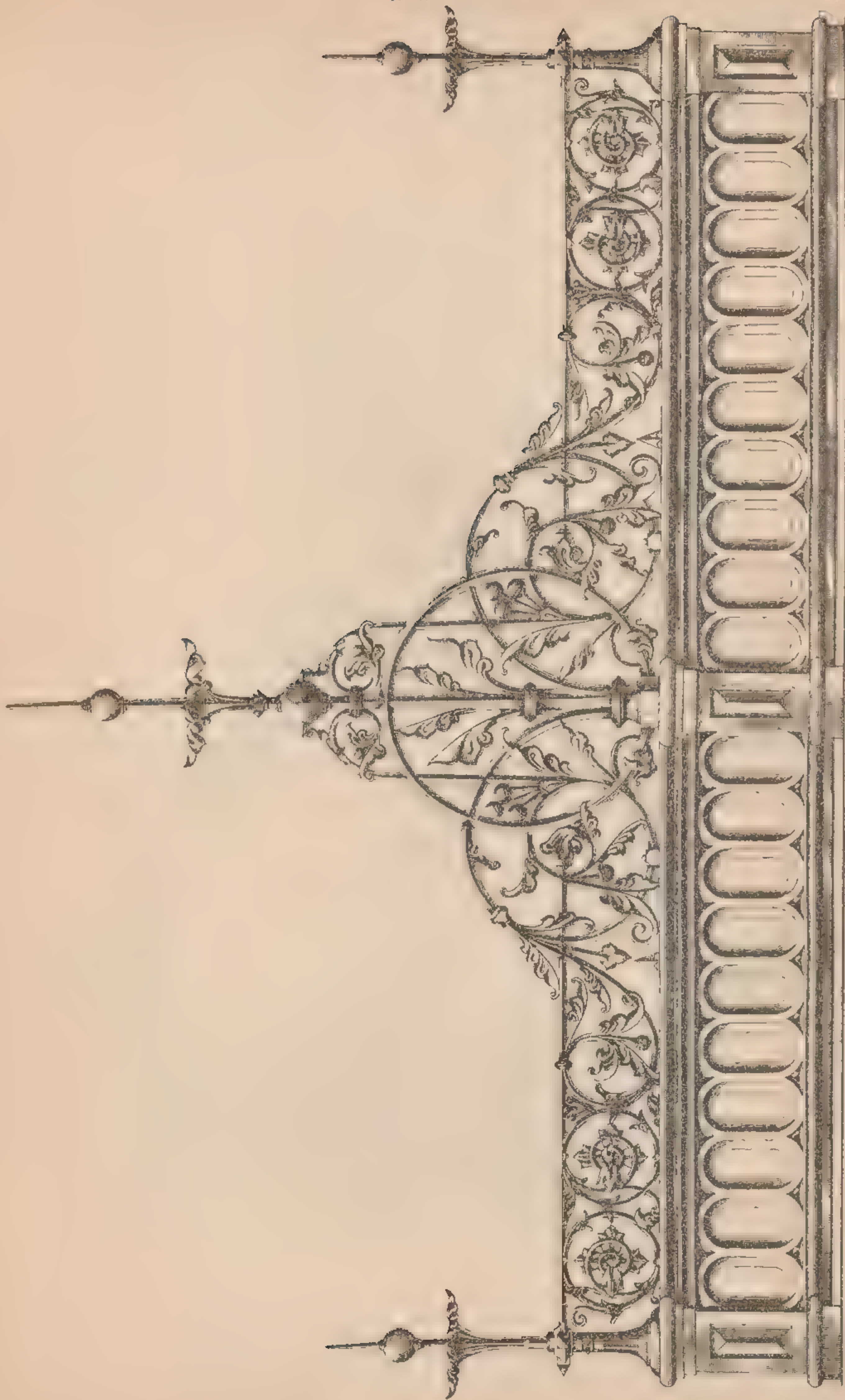
Nº 472



Nº 309



Nº 169

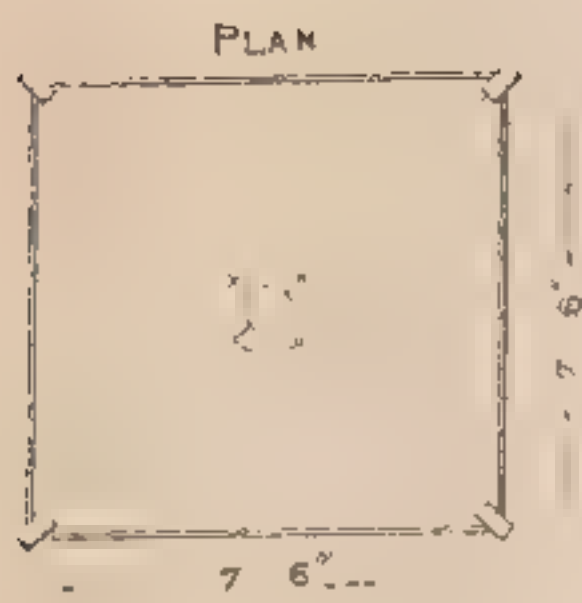


other lengths to order

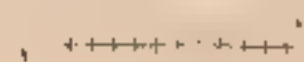
1	2	3	4
1	2	3	4

MACFARLANE'S CASTINGS — TERMINALS

Nº 436



SCALE

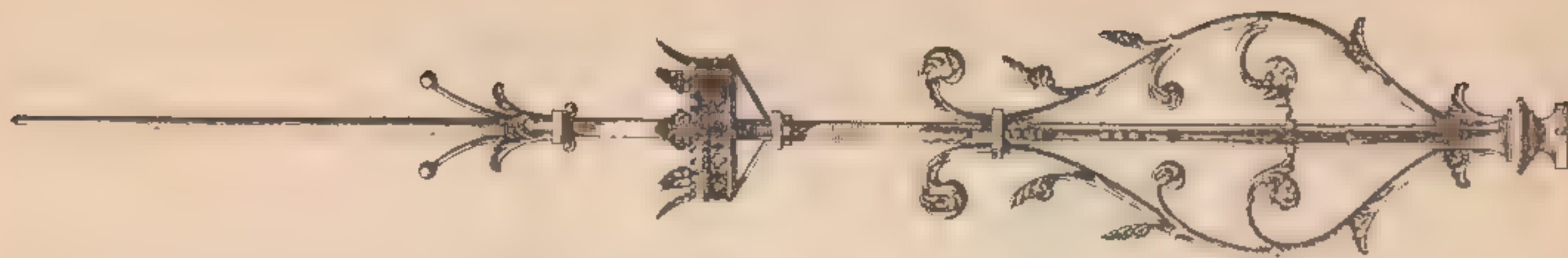


1

2

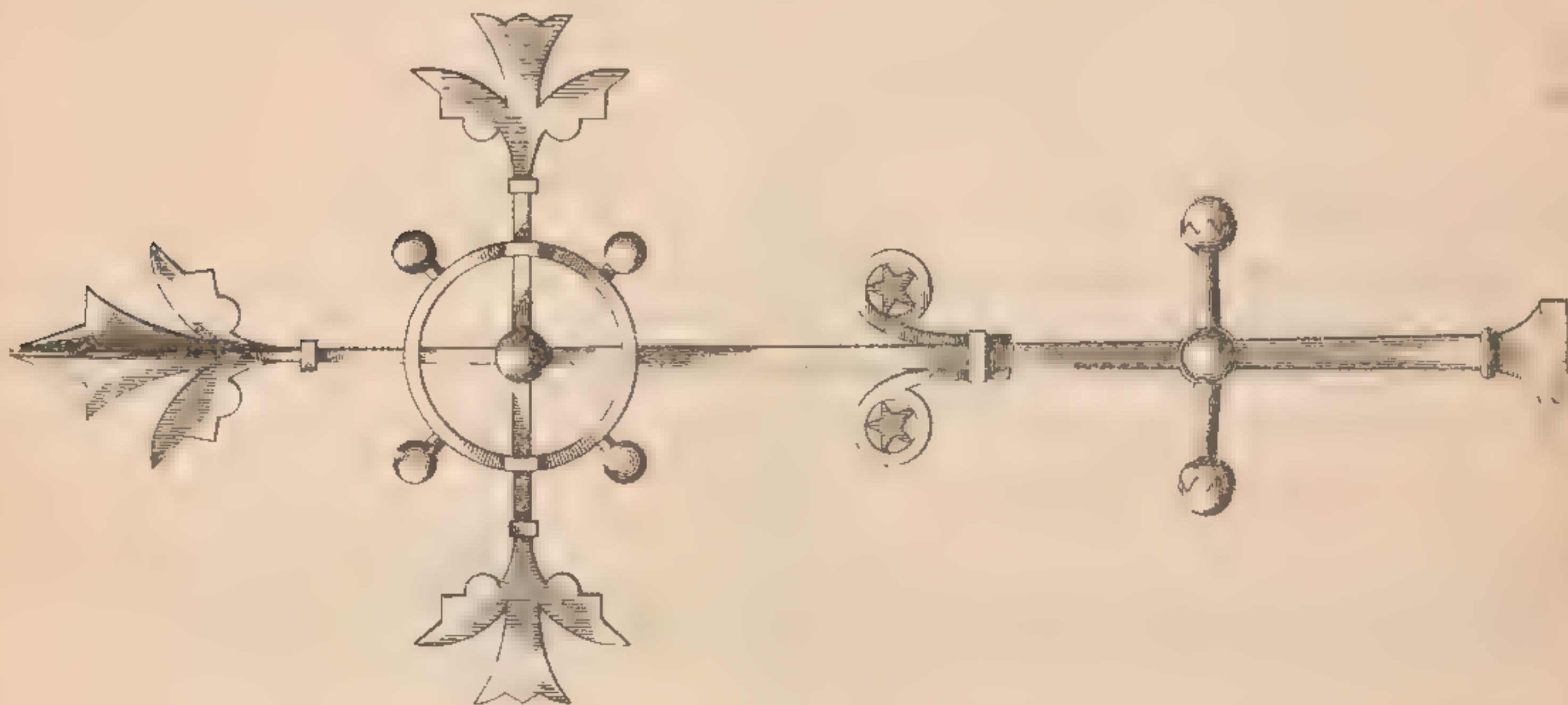
4 FEET

No 30



ARMS 2 AND 4 WAYS

No 135



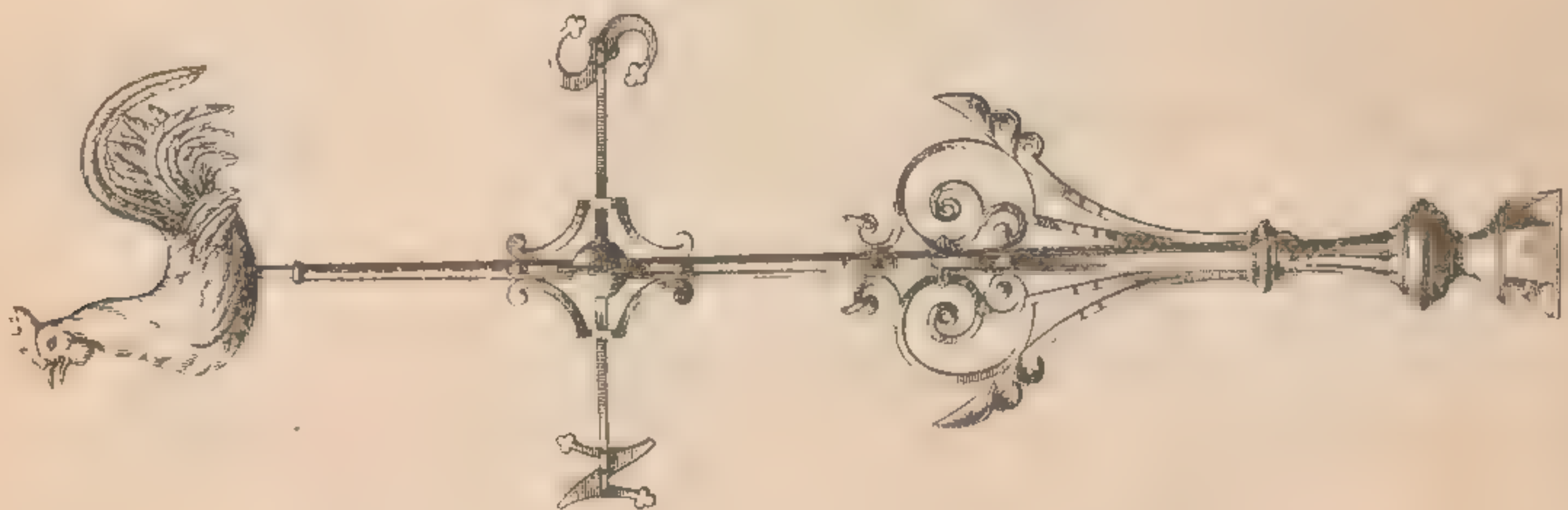
ARMS 2 AND 4 WAYS

No 125



ARMS 4 WAYS

No 207



ARMS 4 WAYS

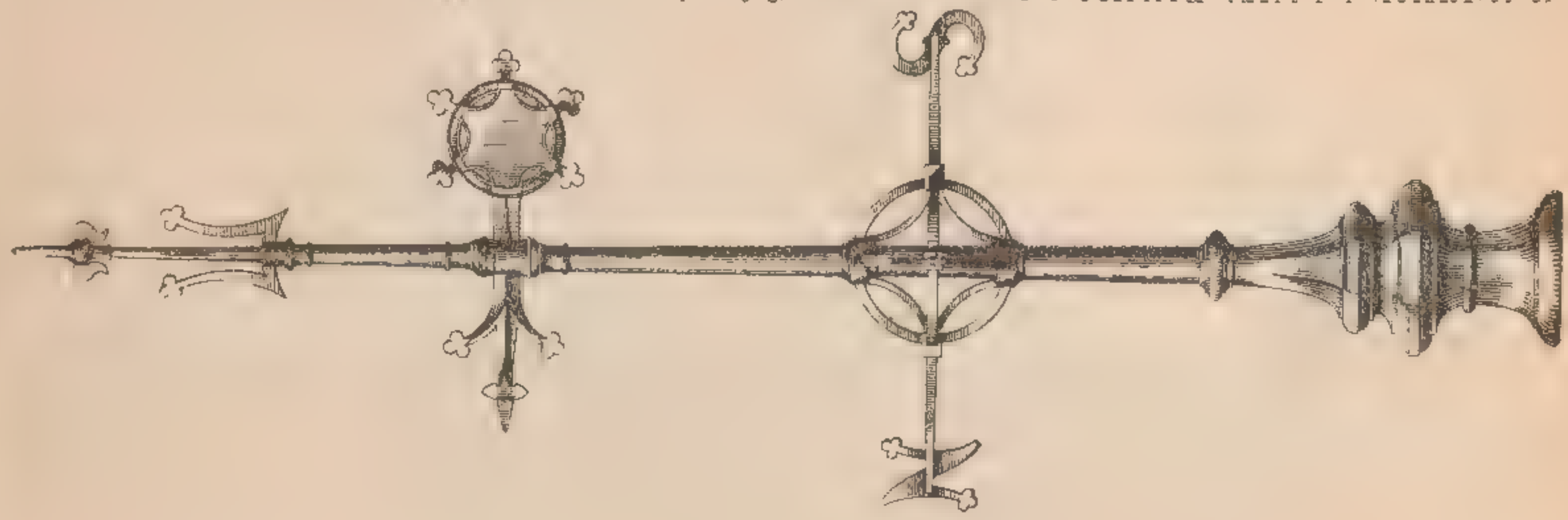
No 437



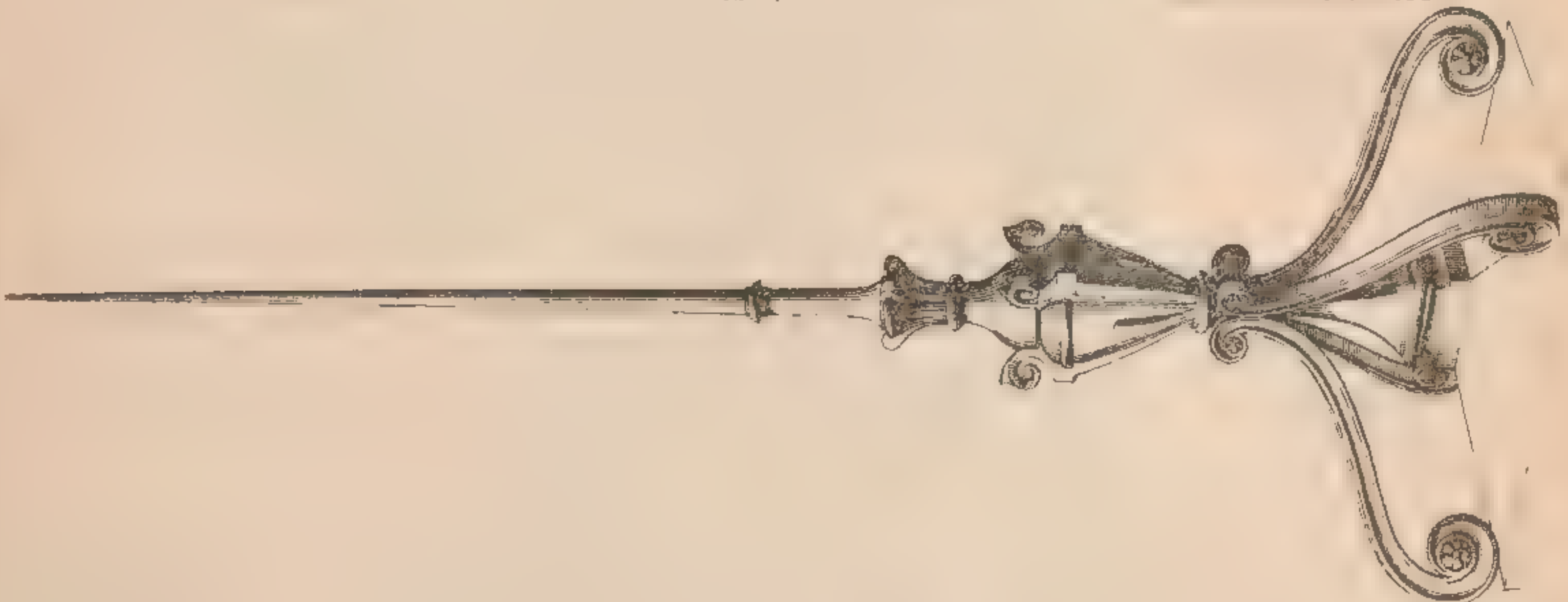
MACFARLANES CASTINGS — TERMINALS

150

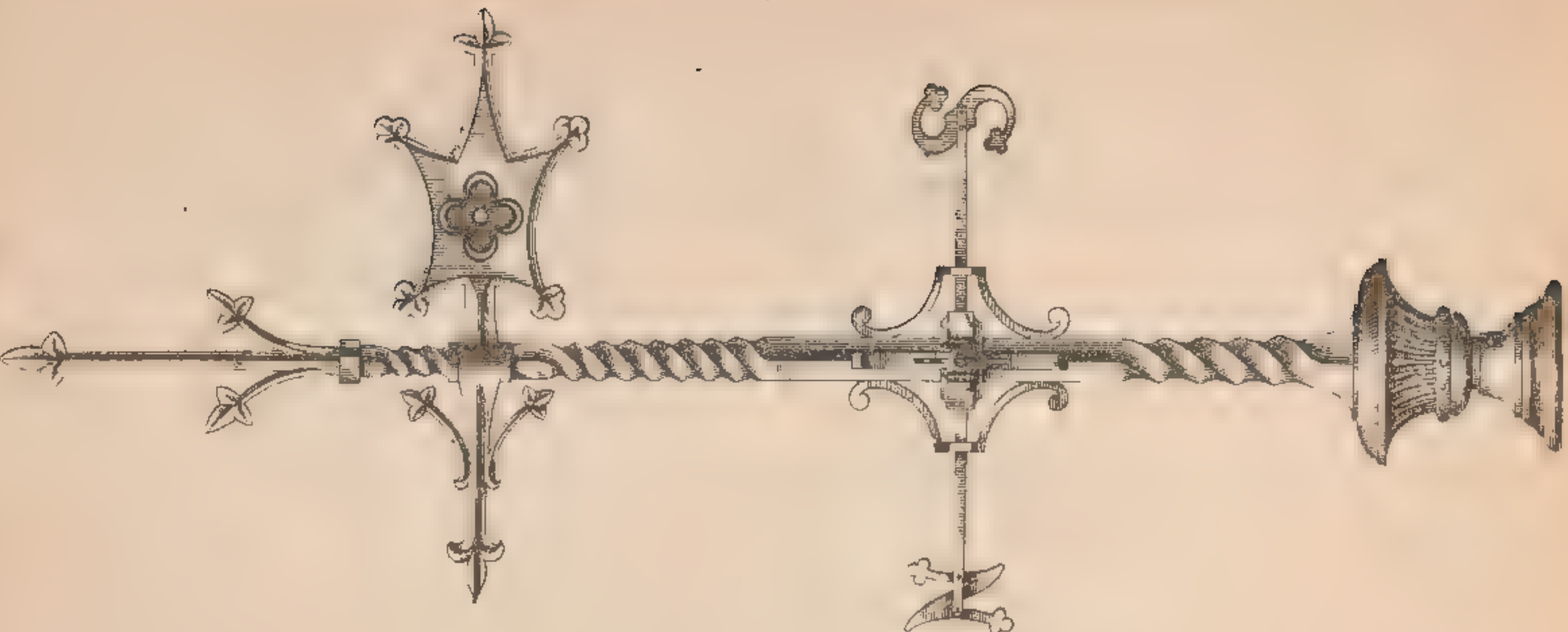
Nº 62



Nº 471



Nº 6



Nº 415

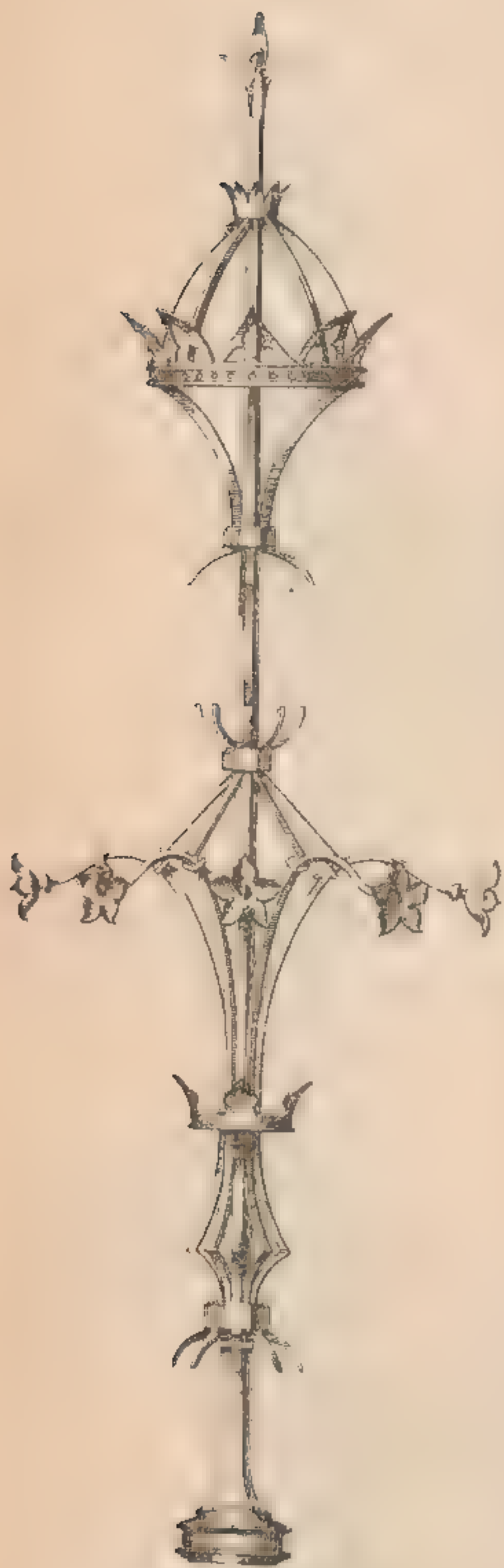


Base made of any pitch or form to order.

SCALE
1" = 4 FEET

MACFARLANE'S CASTINGS — TERMINALS

Nº 132



ARMS 8 WAYS.

Nº 455



Nº 207



SCALE



3

4 FEET

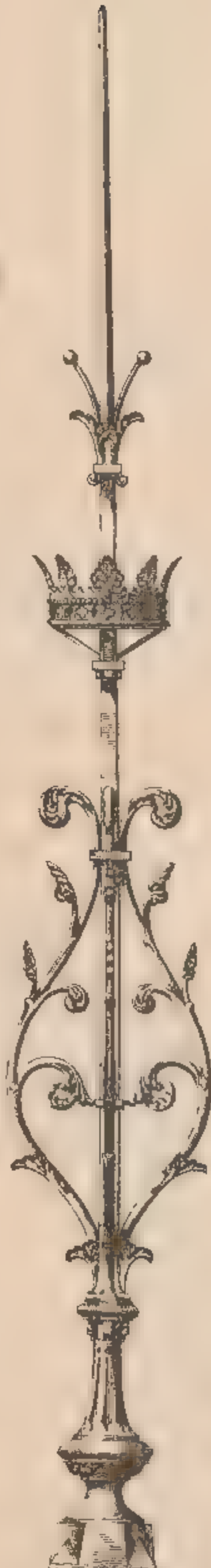
Nº 309



ARMS 4 WAYS

12' 8"

Nº 30



ARMS 2 AND 4 WAYS

12' 10"

Nº 310



15' 6"

Nº 127



13' 9"

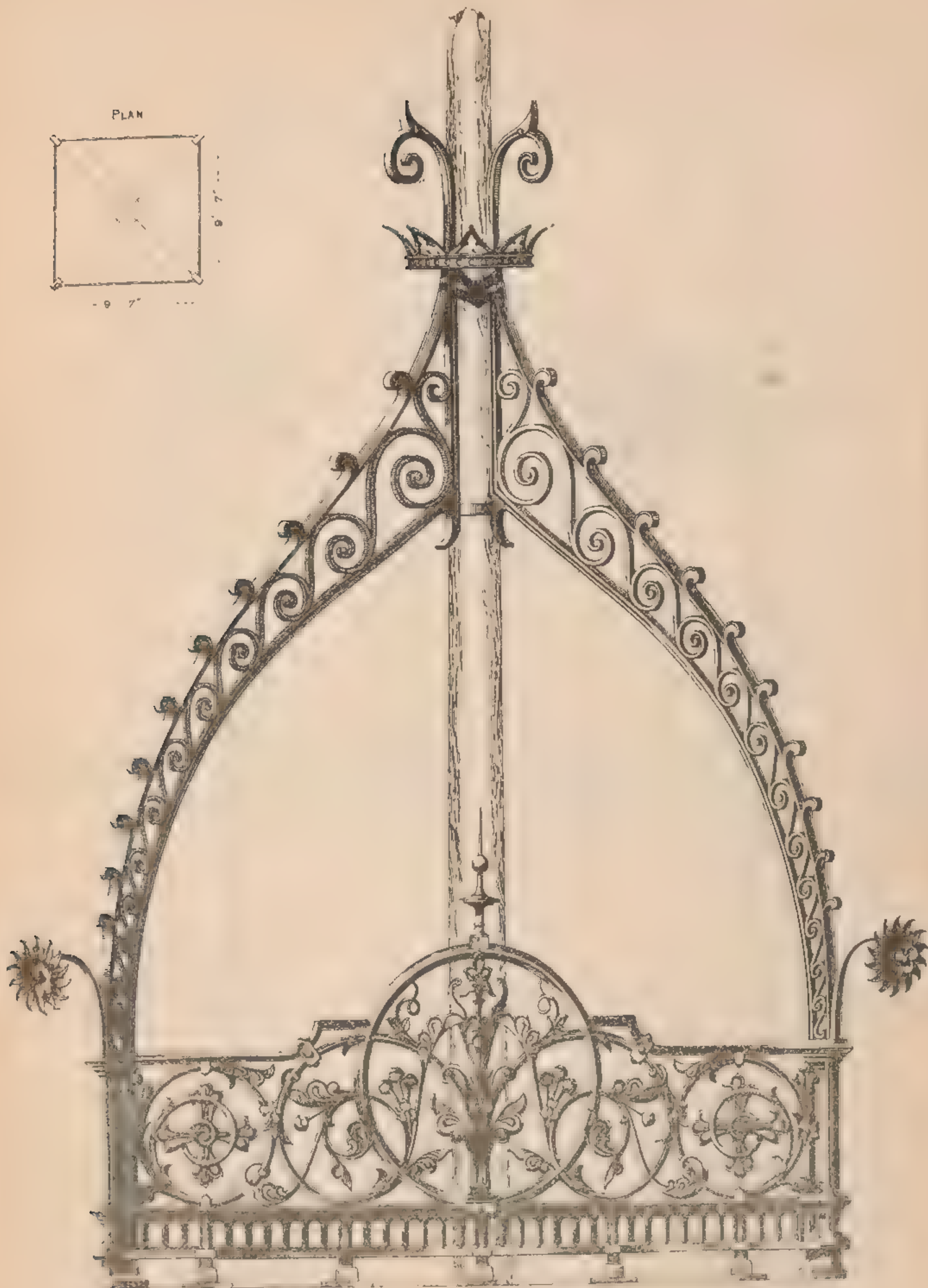
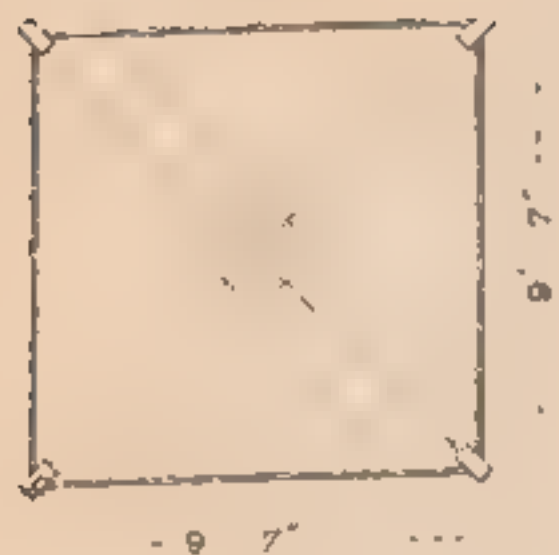
Base made of any pitch or form to order

SCALE



Nº 436

PLAN



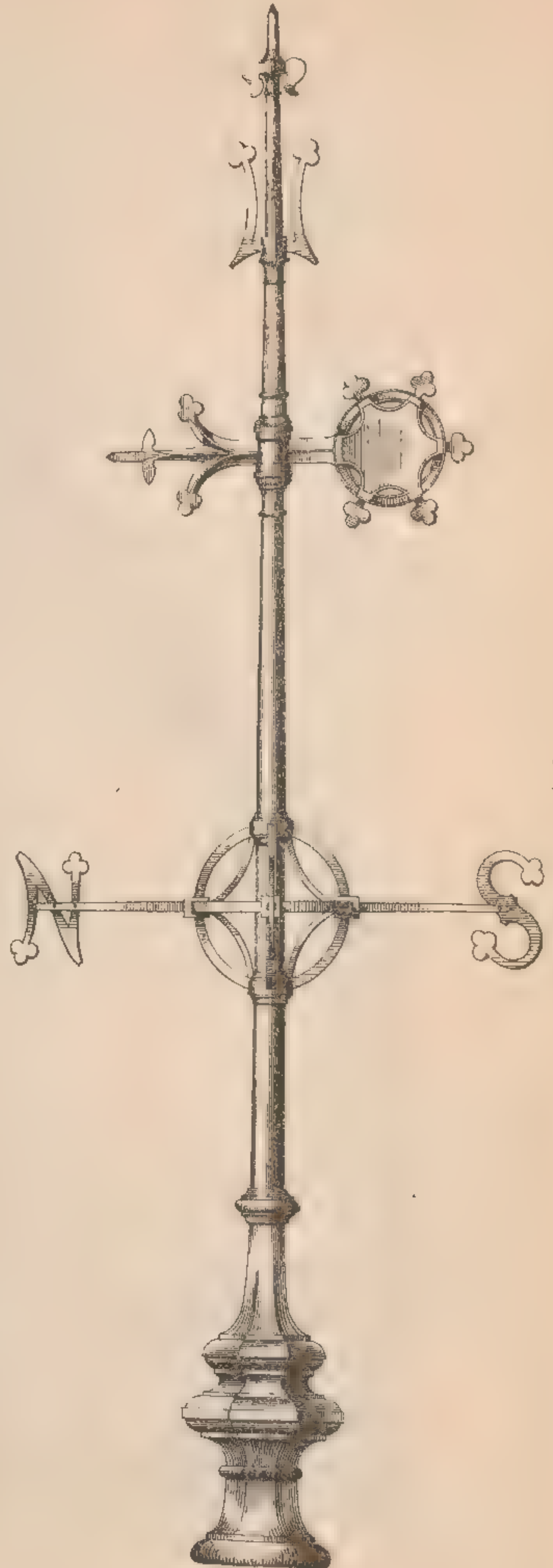
9' 7"

SCALE

N° 61



N° 62



15' 0"

15' 0"

SCALE

+++++

2

+

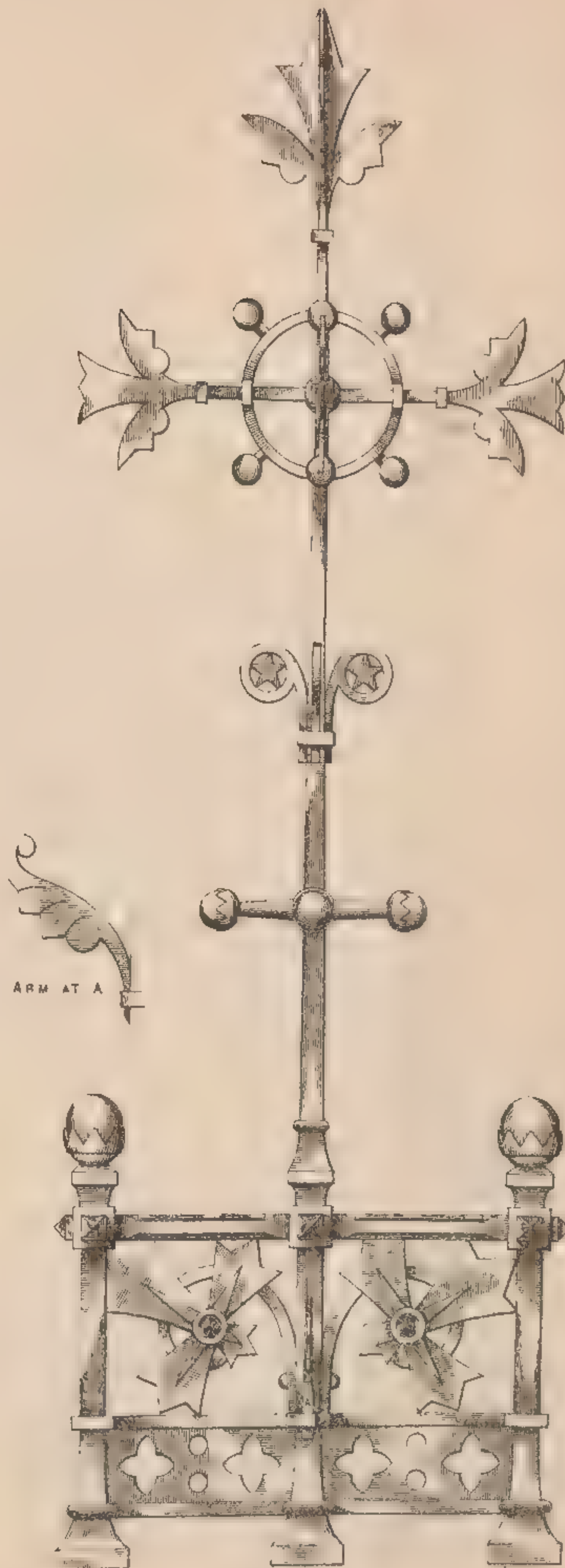
4 FEET

N^o 45



Base made of any pit or extra for a r

N^o 35

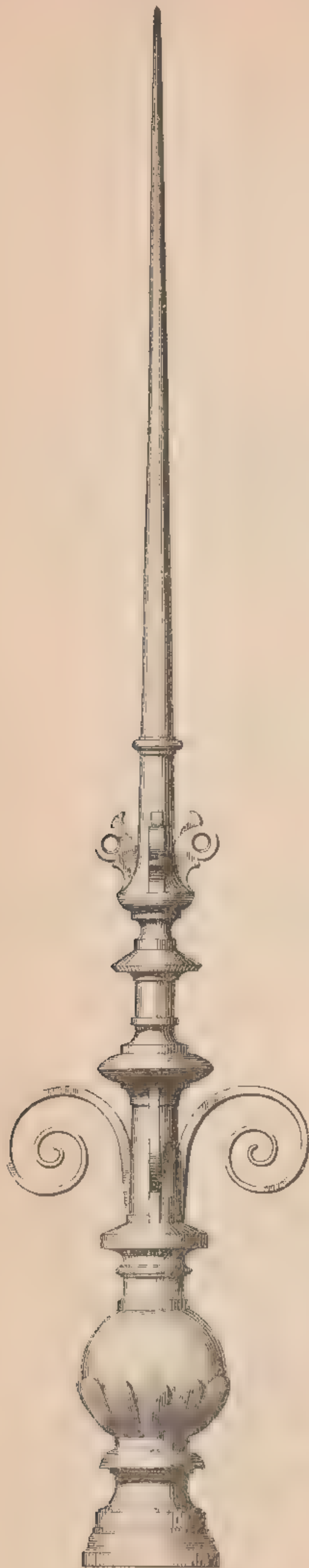


ARM AT A

5' 3"
ARMS 4 WAYS

4 FEET

Nº 310



Arms 4 ways

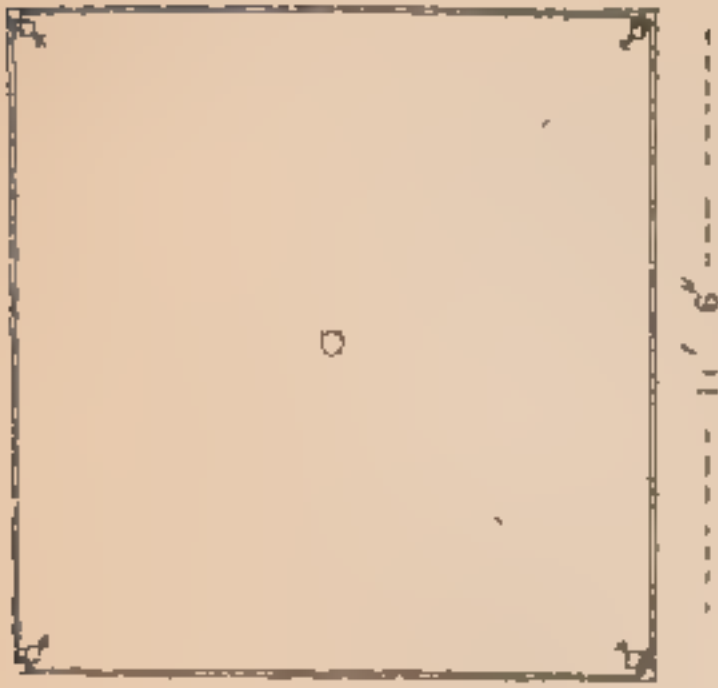


Base made of any pitch or form to order.

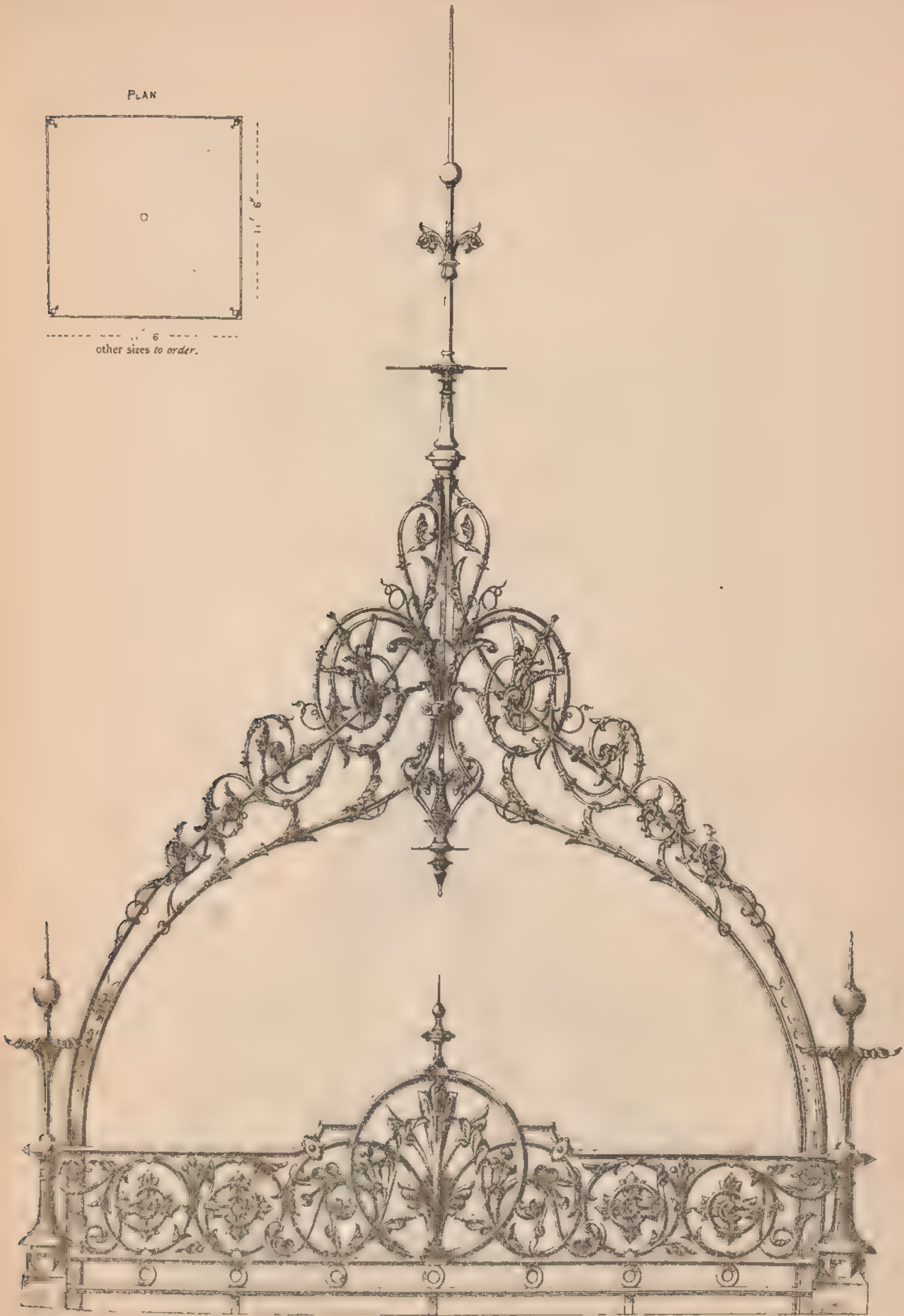
SCALE

4 FEET

PLAN



other sizes to order.



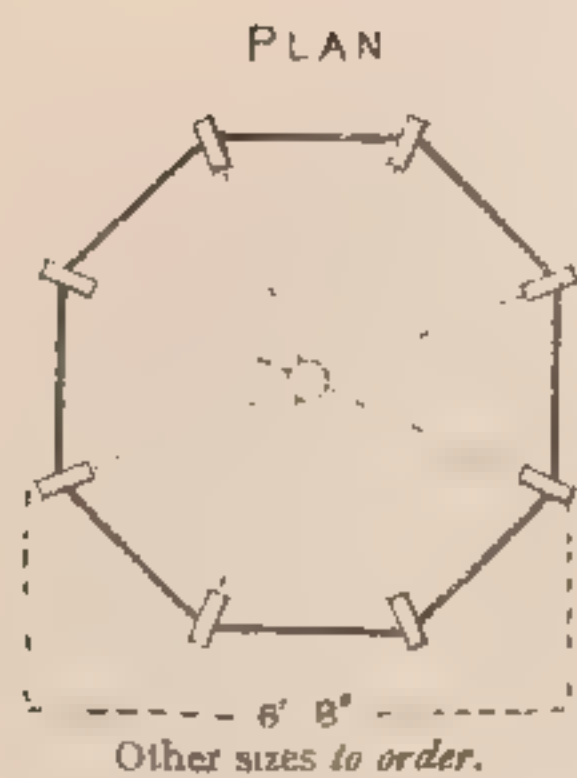
11' 6"

SCALE

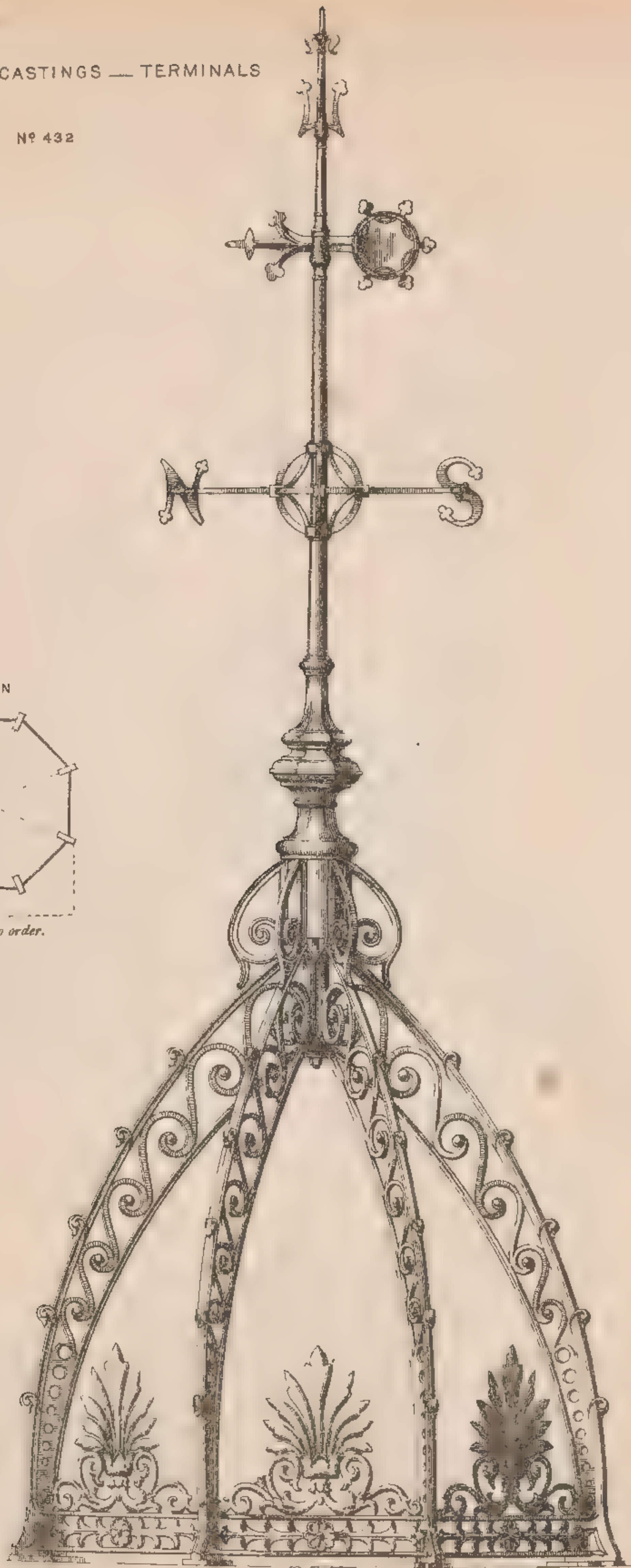
2 3 4 FEET

MACFARLANE'S CASTINGS — TERMINALS

No 432



Other sizes to order.

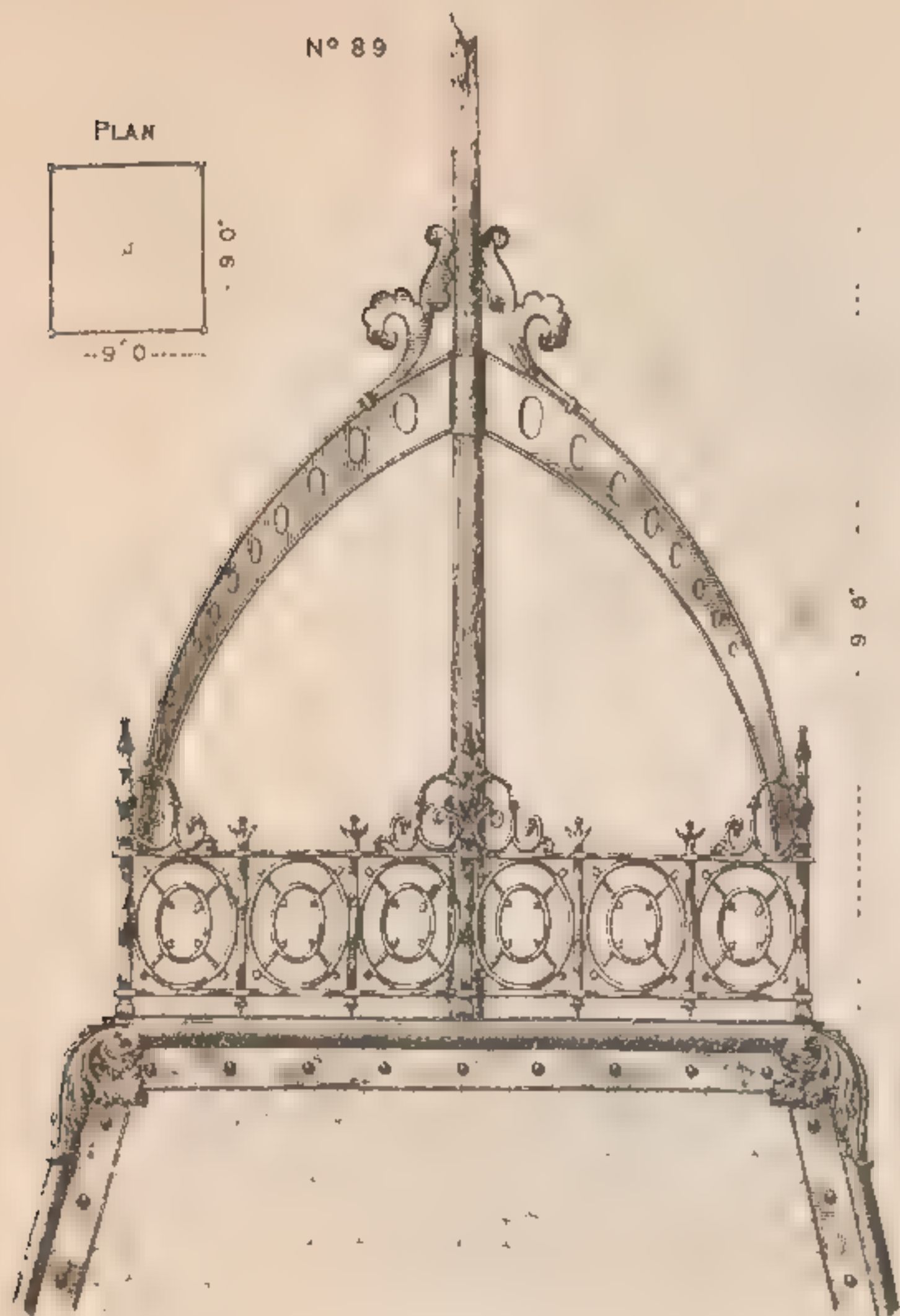
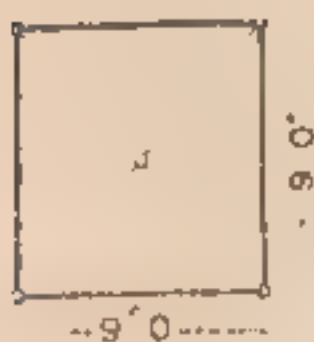


SCALE

1 2 3 4 FEET

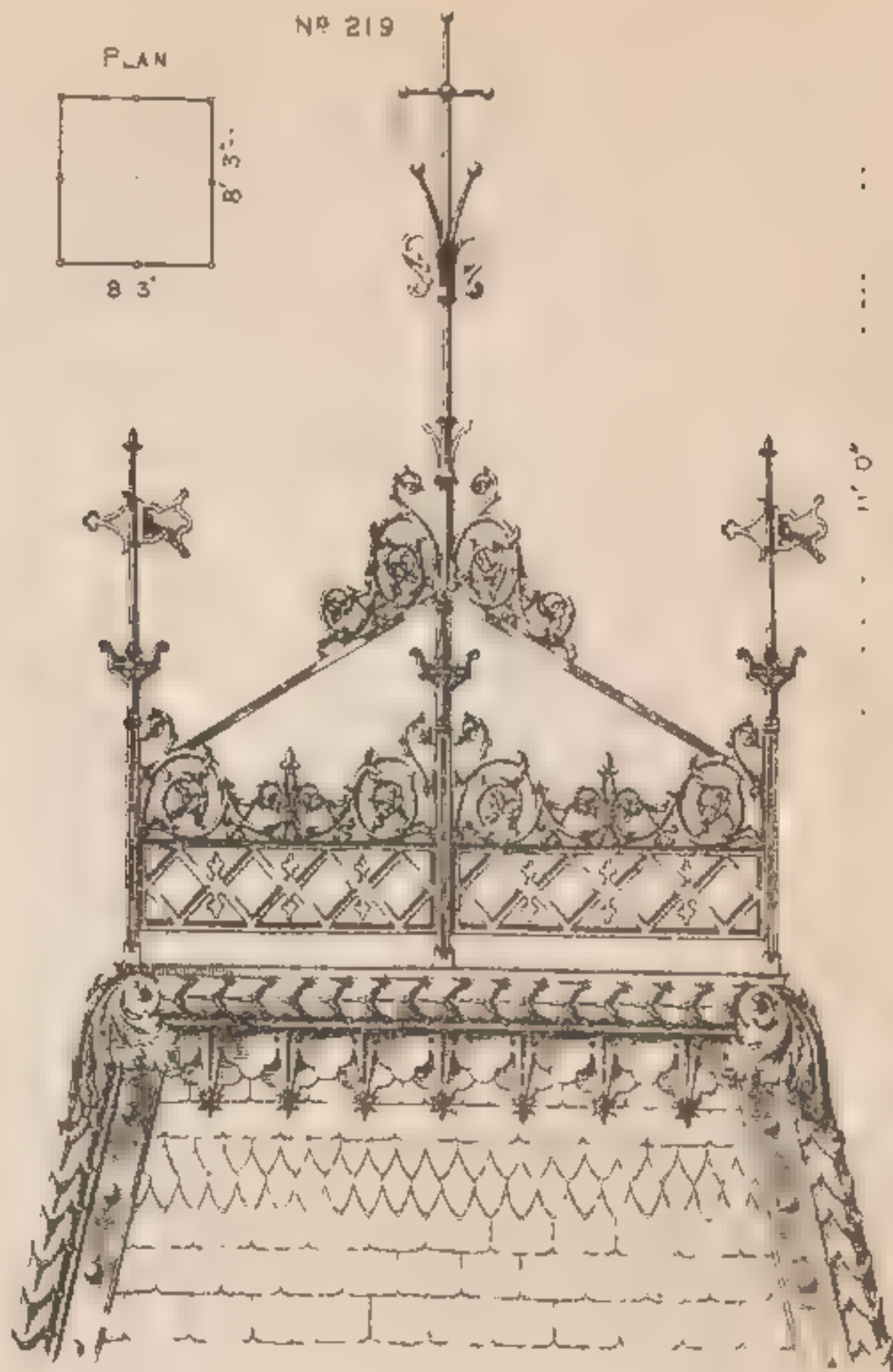
Nº 89

PLAN



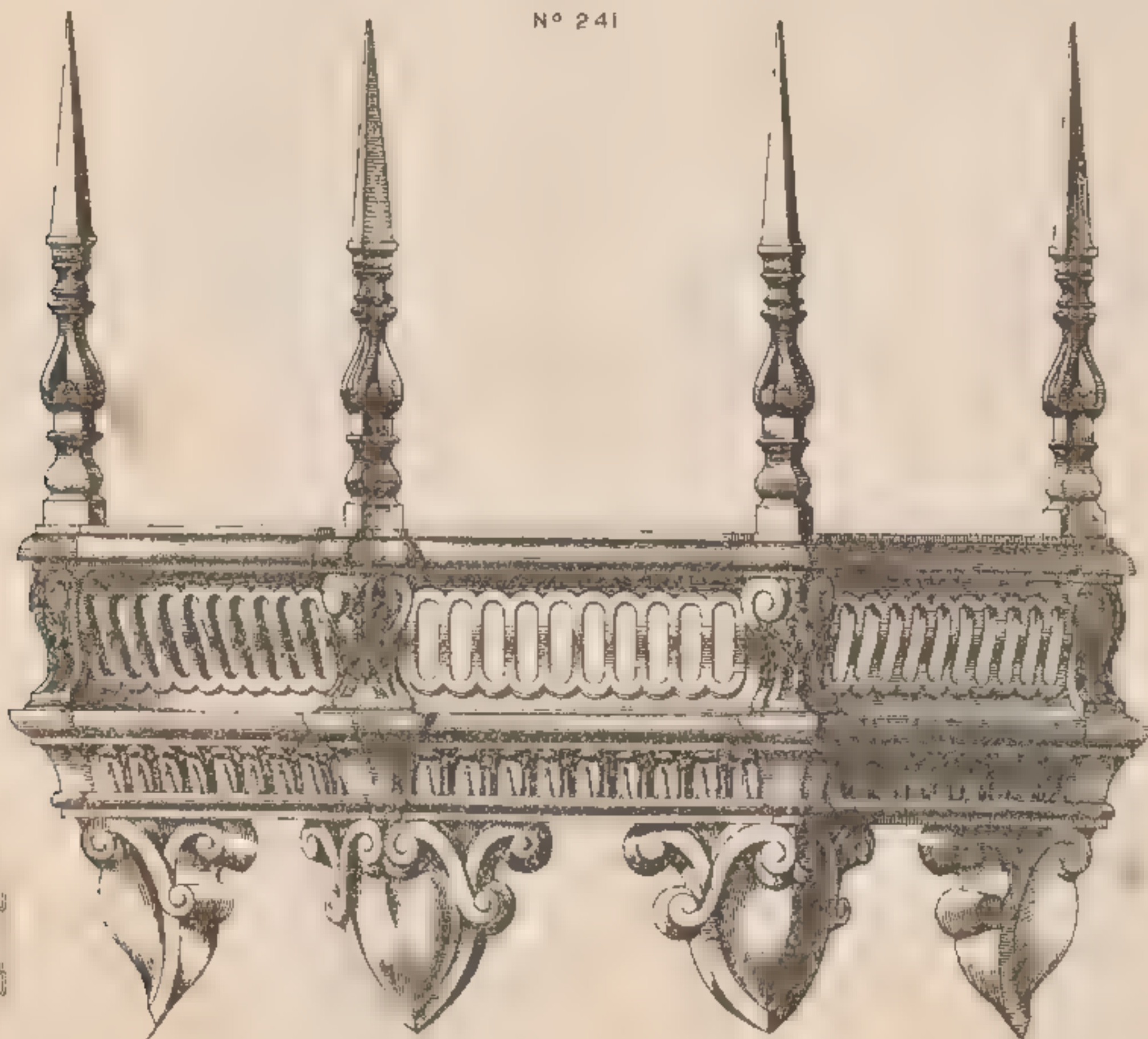
Nº 219

PLAN

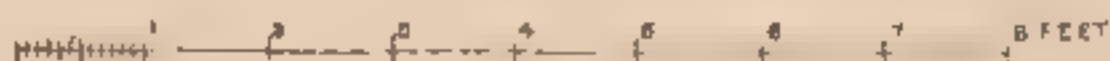


Nº 241

PLAN

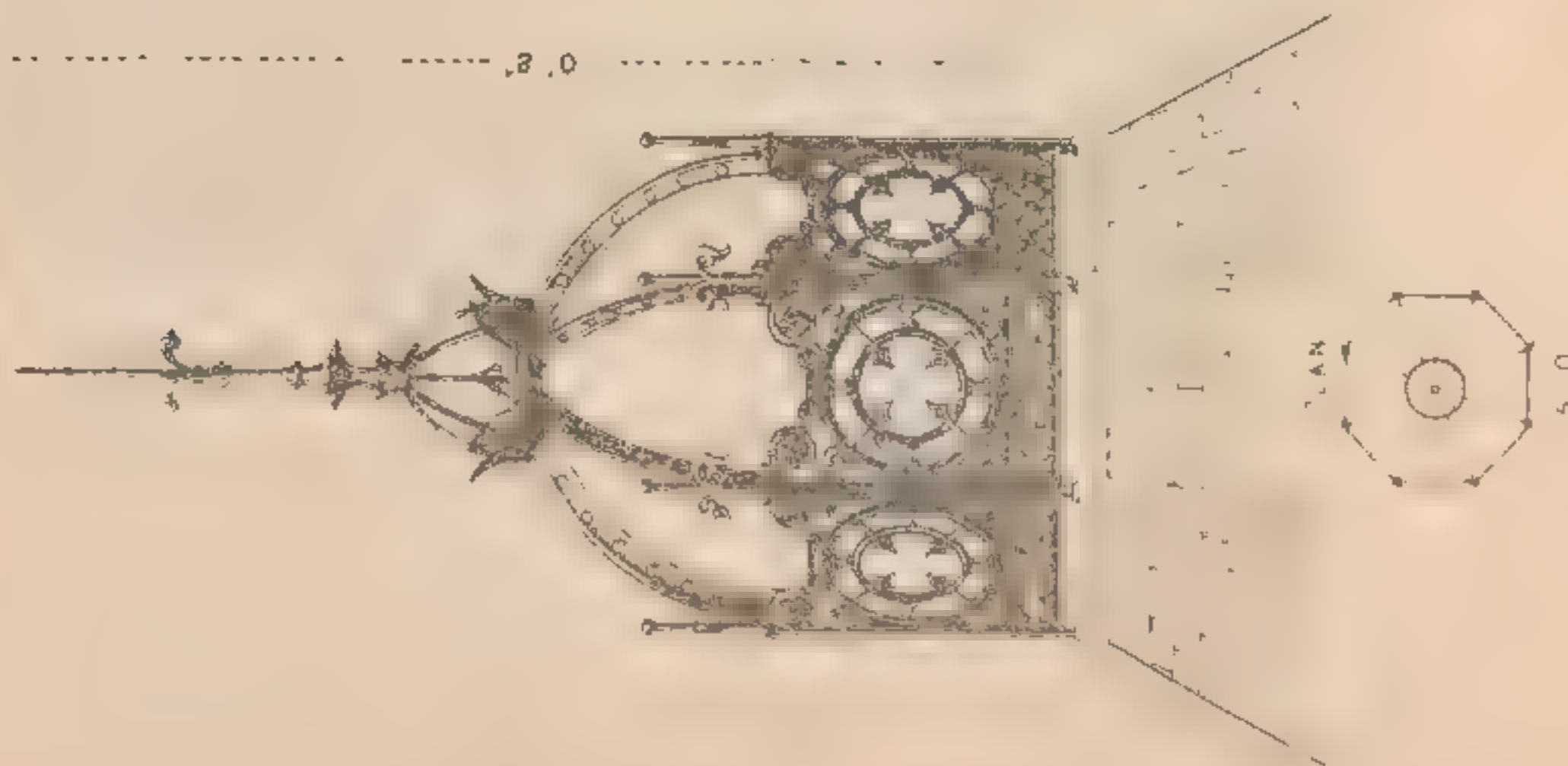


SCALE

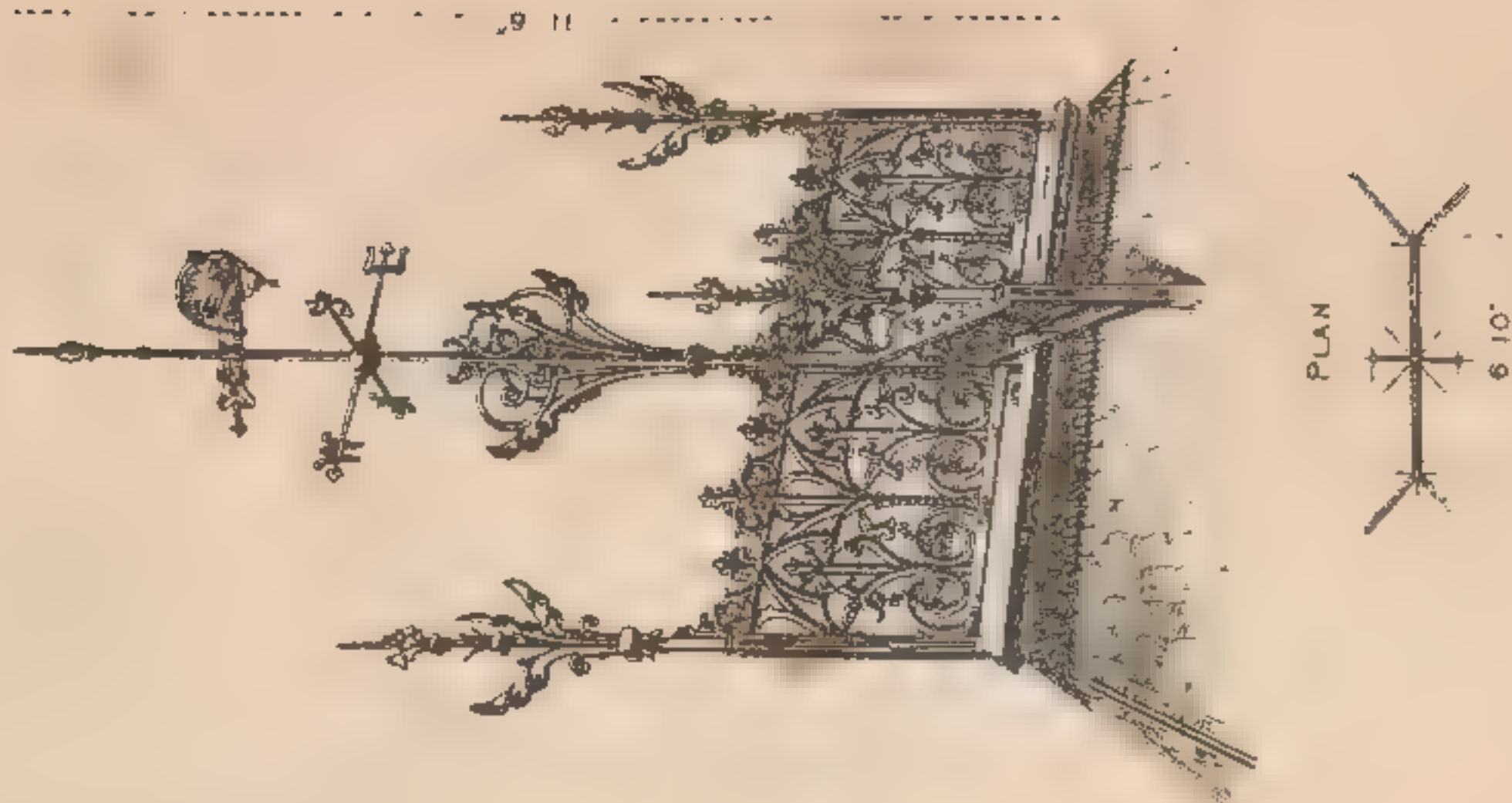


MACFARLANE'S CASTINGS — TERMINALS

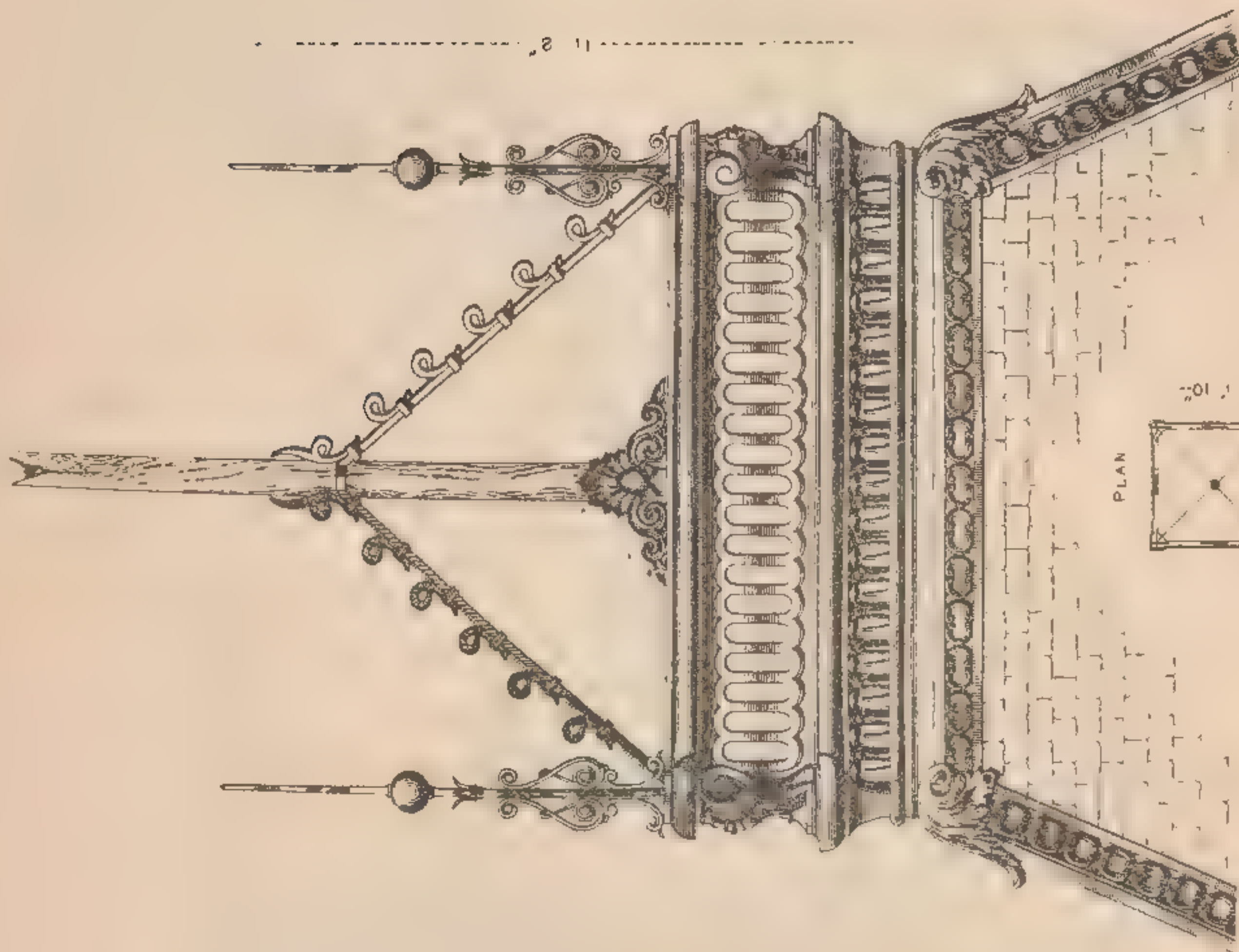
No 257



No 259



No 241



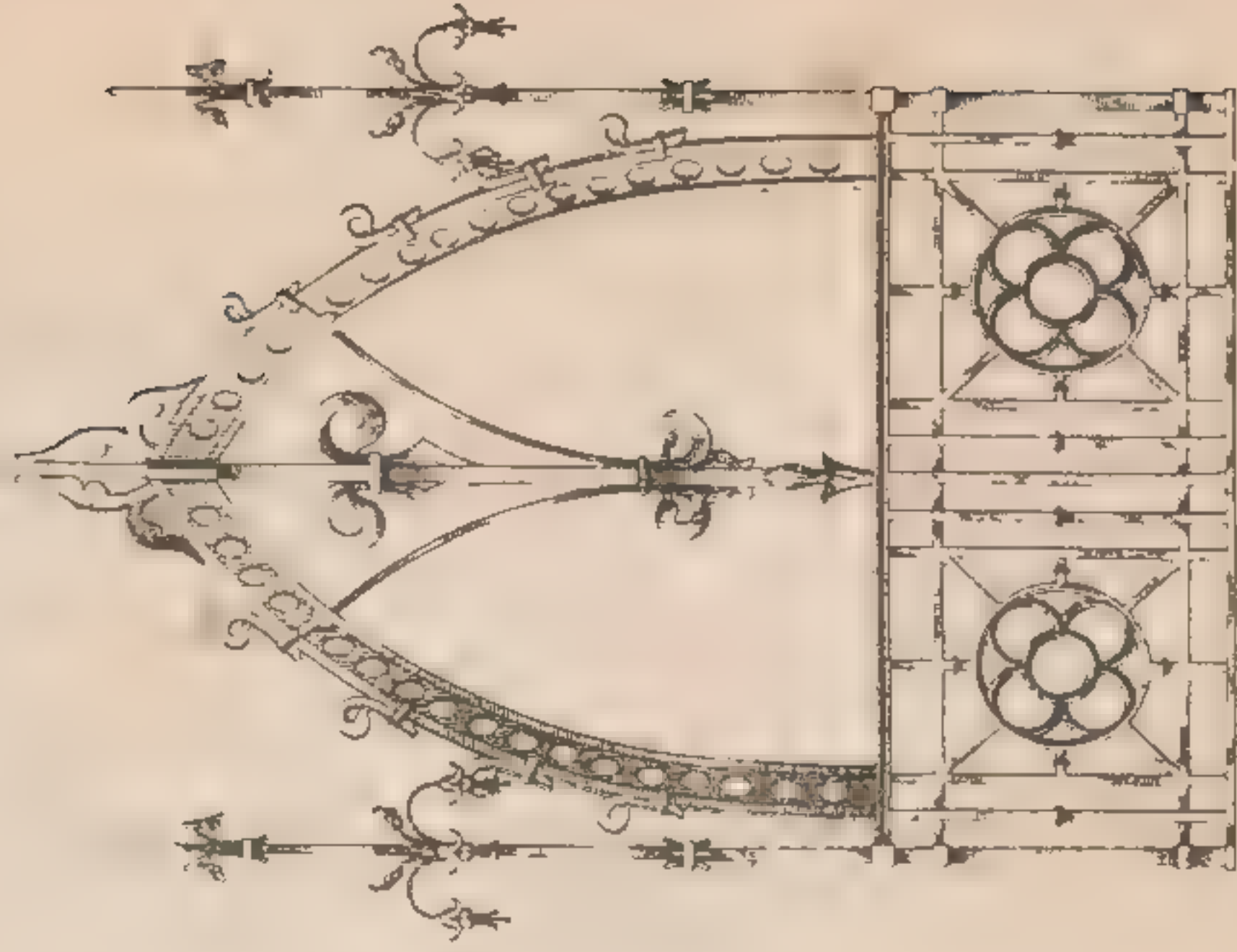
10 FEET

SCALE

10 FEET

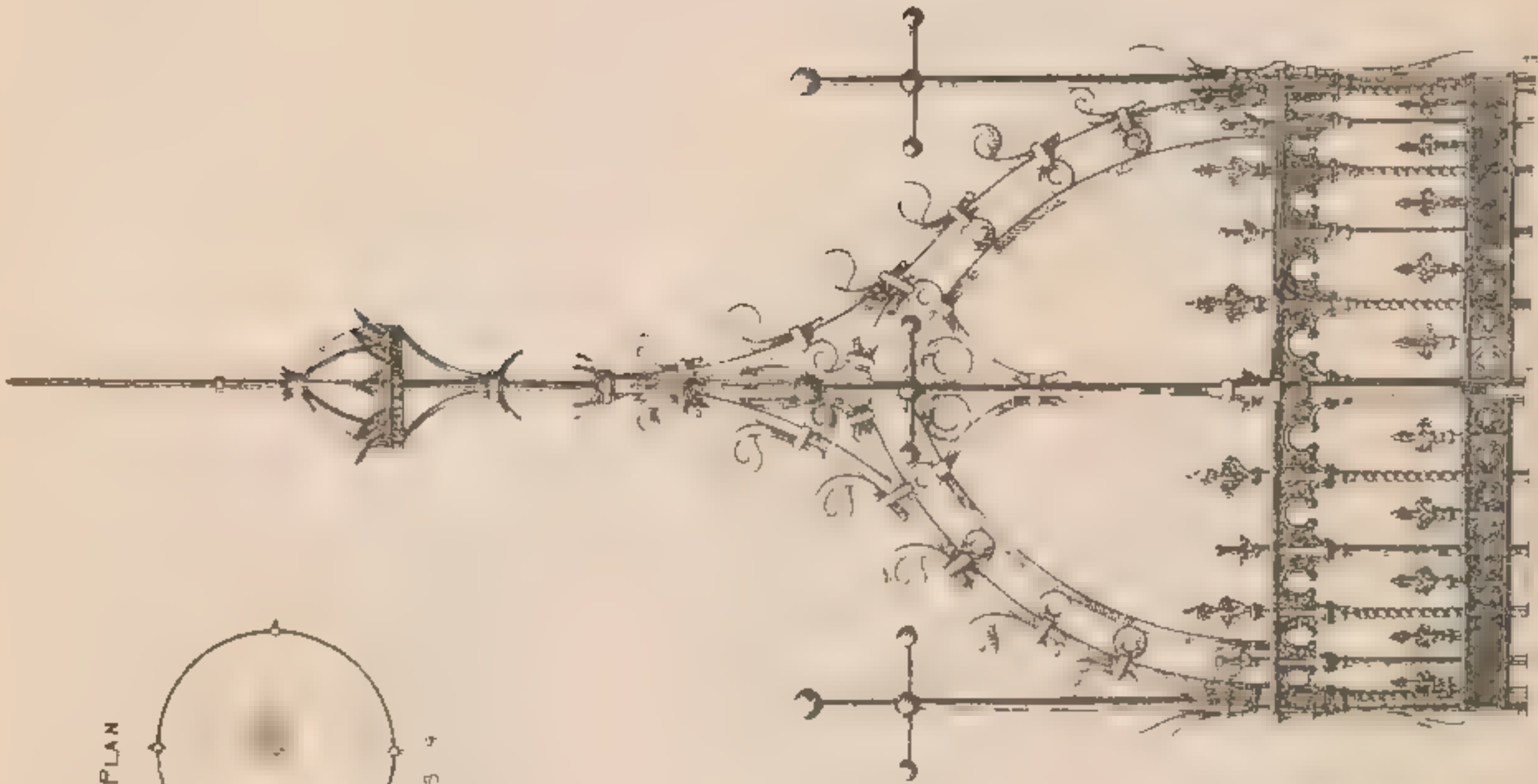
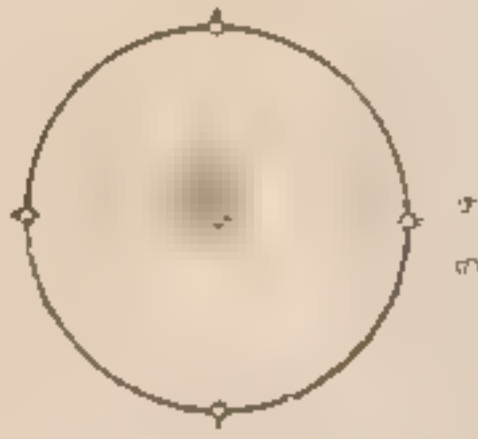
Nº 98

PLAN



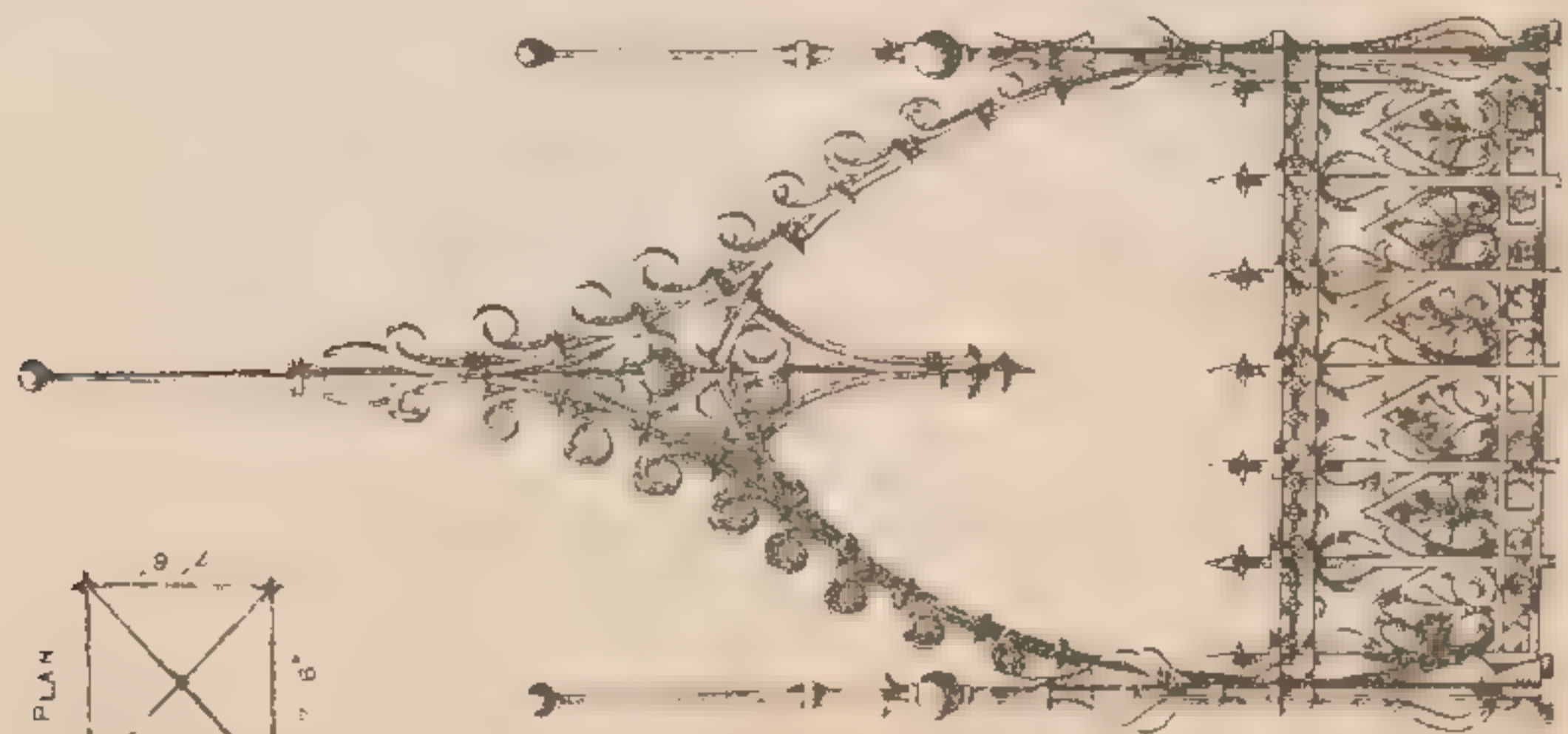
Nº 226

PLAN



Nº 96

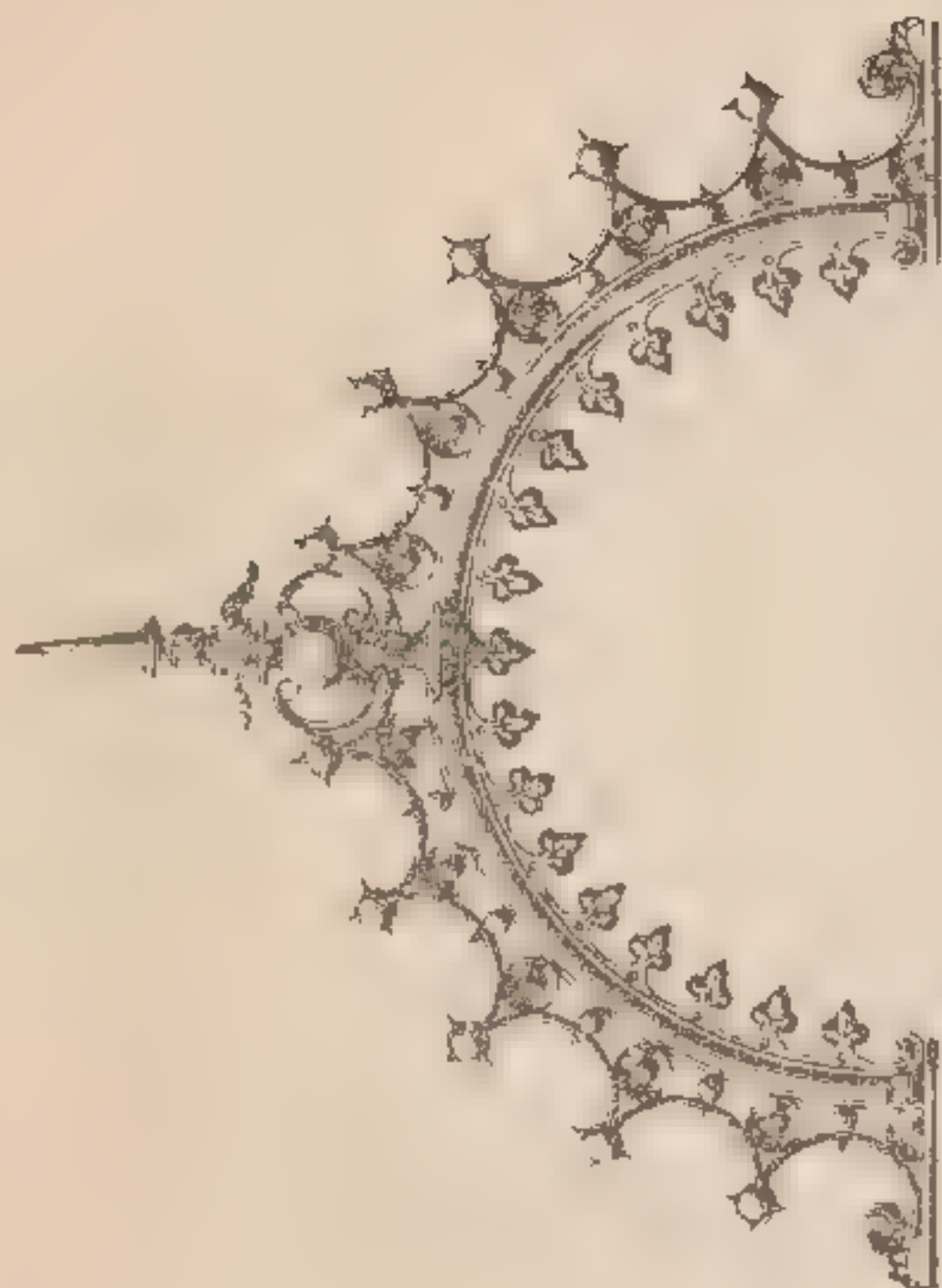
PLAN



SCALE
1" = 1' 0"

MACFARLANE'S CASTINGS — ARCHES

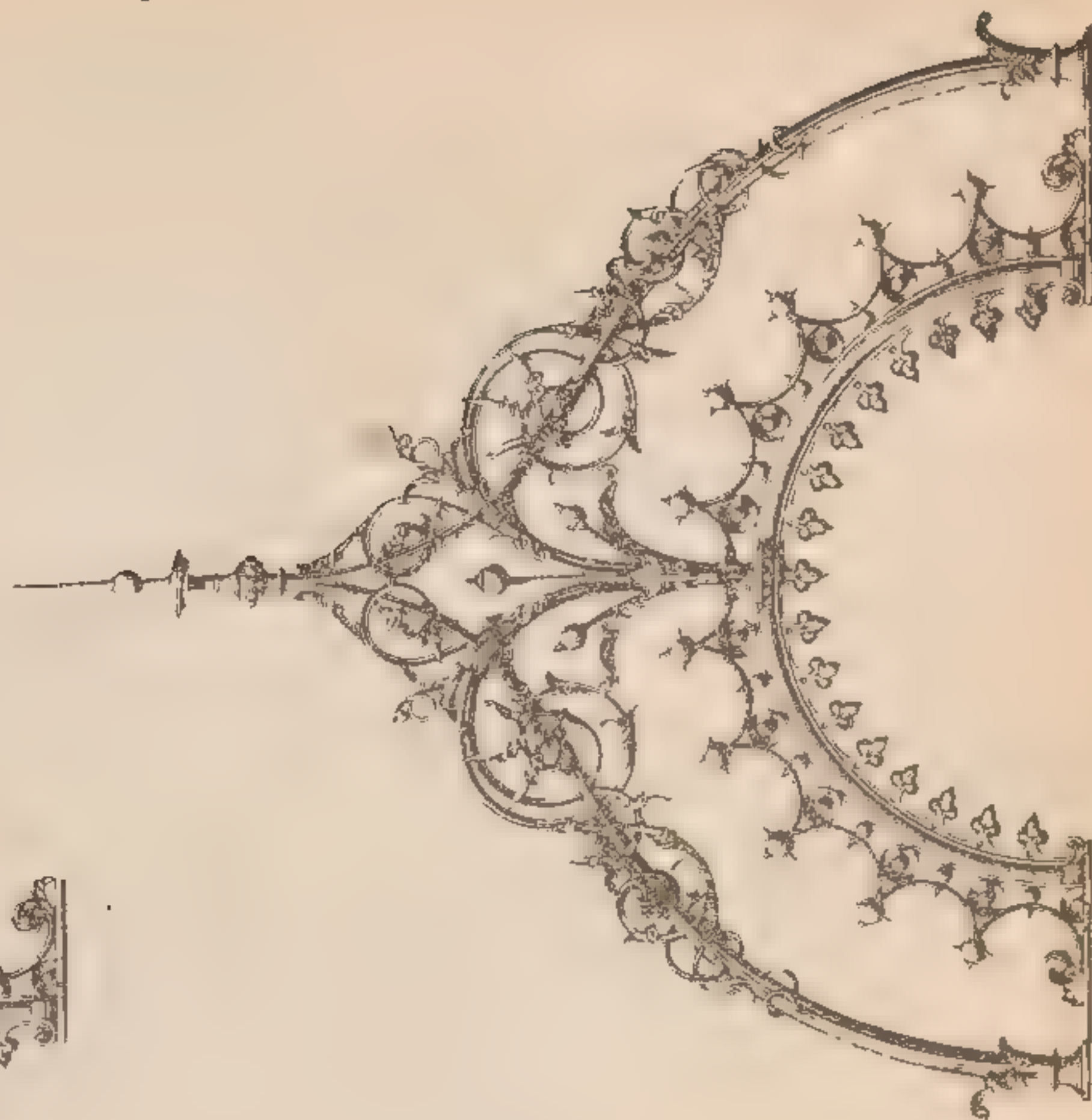
N° 424



N° 305



N° 424



S A E
2

41100

Nº 465



Nº 352



Nº 246

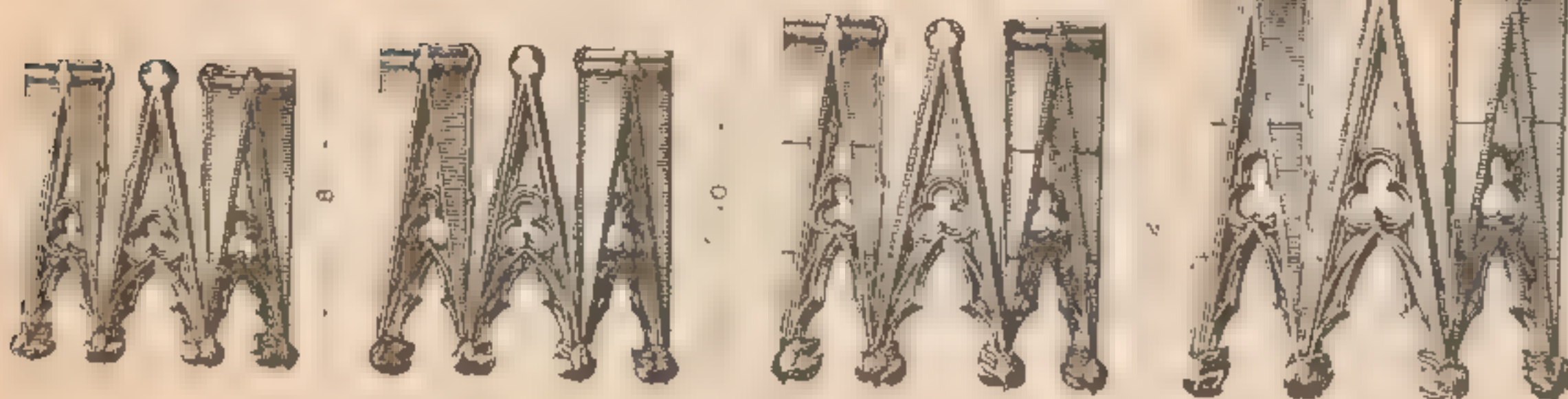


Nº 467

Nº 467

Nº 467

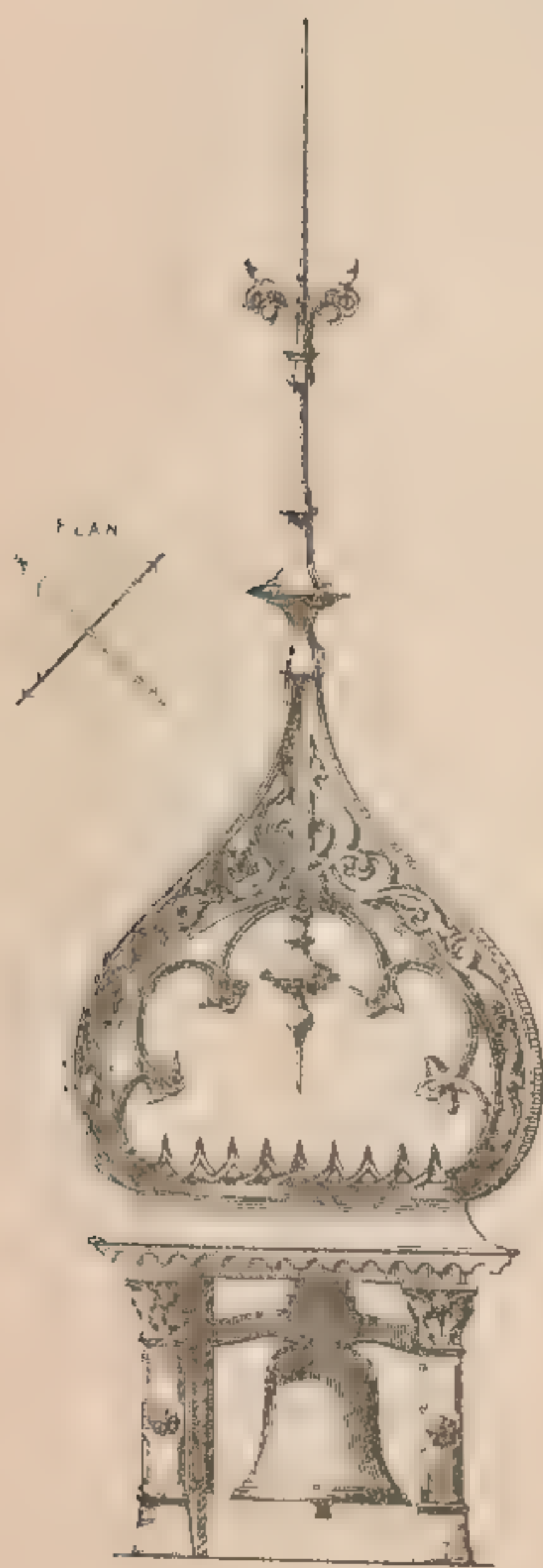
Nº 467



Nº 246



The main body of canopy is timber covered with lead, and cast-iron crockets

N^o 312N^o 401Clock, Dials and Bells with Gearing *charged extra*

SCALE

+ FEB

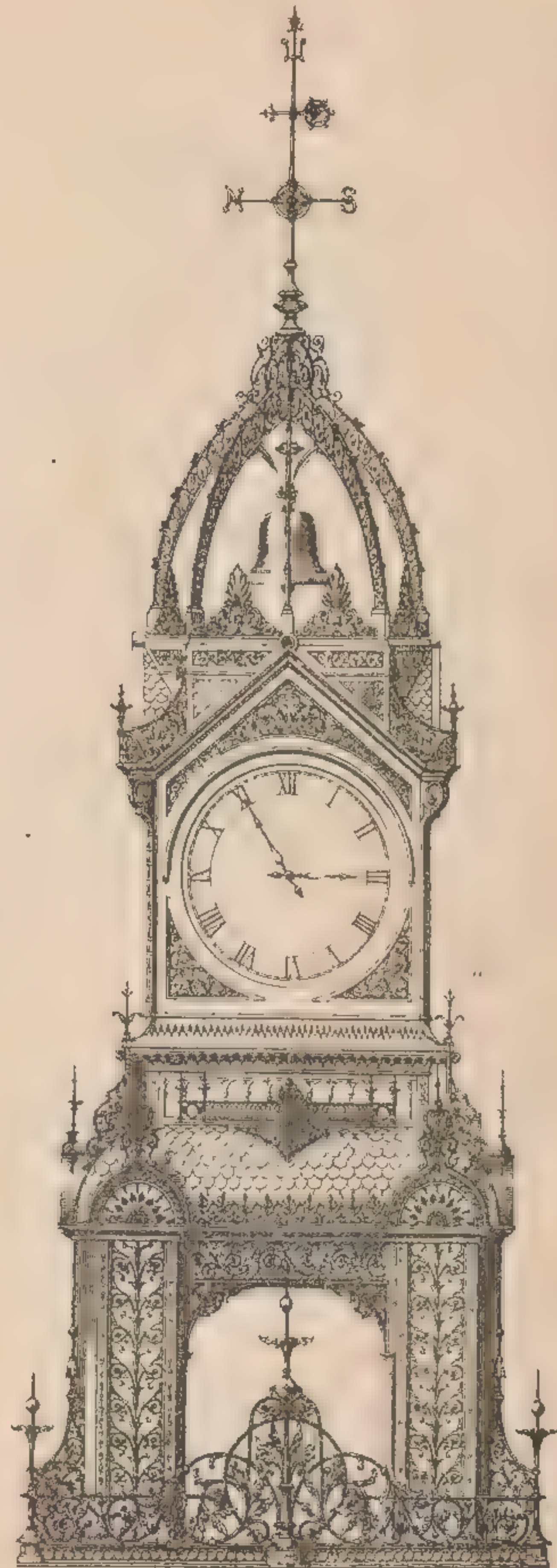
Nº 401



SCALE

2 3 4 FEET

Nº 432



SCALE

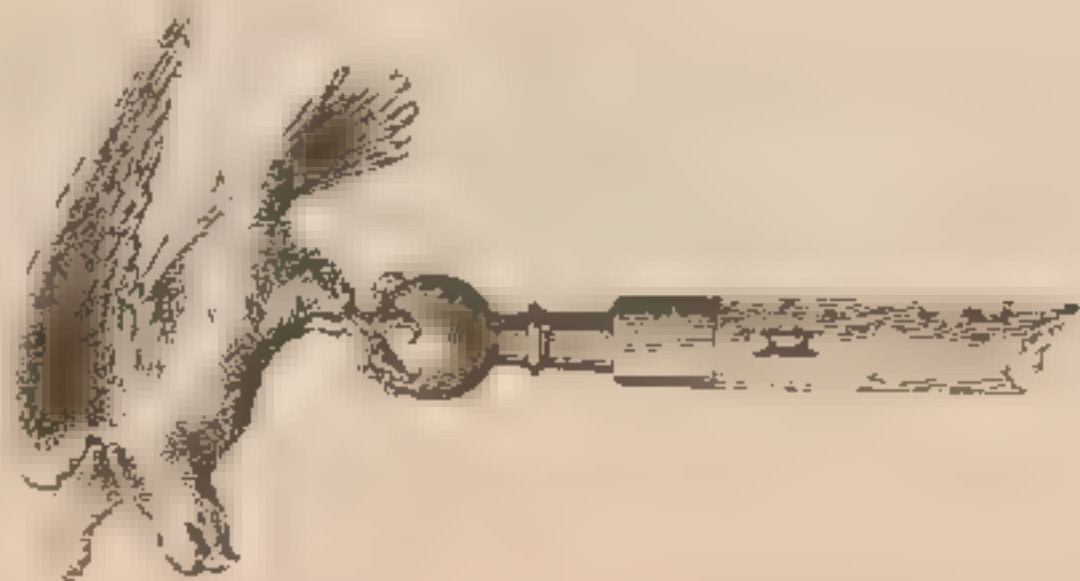
2 3 4 5 6 7 8 9 10 FEET

Clock, Dials and Bell with Gearing charged extra

MACFARLANE'S CASTINGS — FLAGSTAFFS AND FLAGSTAFF BASES

The development of modern life calls for an individuality and attractiveness being given to places, to an extent hitherto unthought of. To this end Flagstaffs are becoming very general aids, not only in the grounds and buildings of the wealthy but equally so in connection with business premises. Up to this time, however, nothing has been done towards giving them a treatment suitable for the important positions they occupy; and with this object in view we now submit the following new decorative features.

Nº 250 EAGLE (COPPER)



Nº 292

FLAGSTAFF WEATHERVANE



With 3 3/4" socket

Nº 7



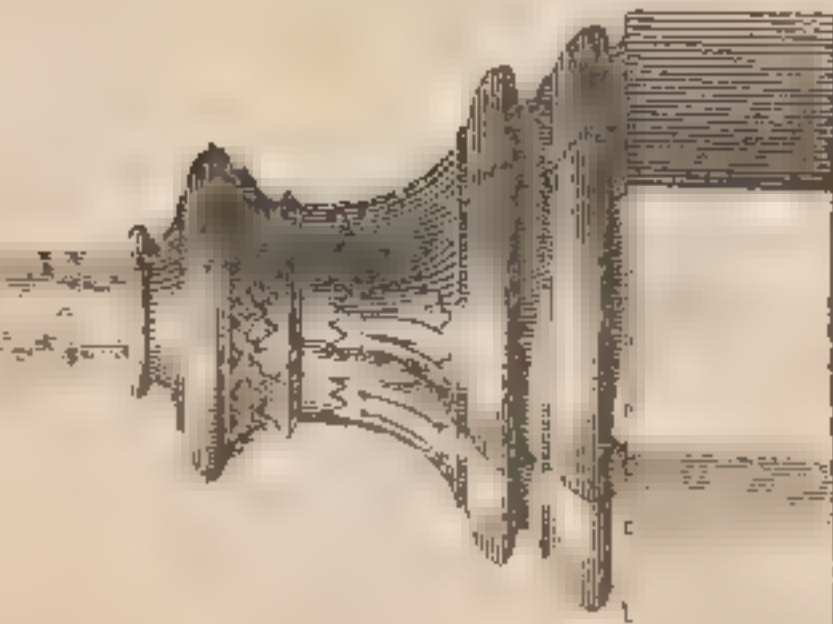
Nº 8



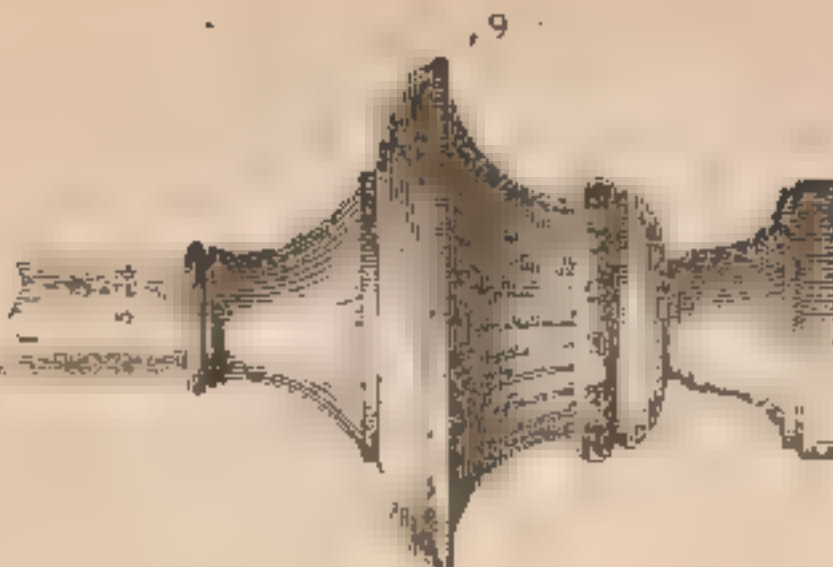
Nº 119



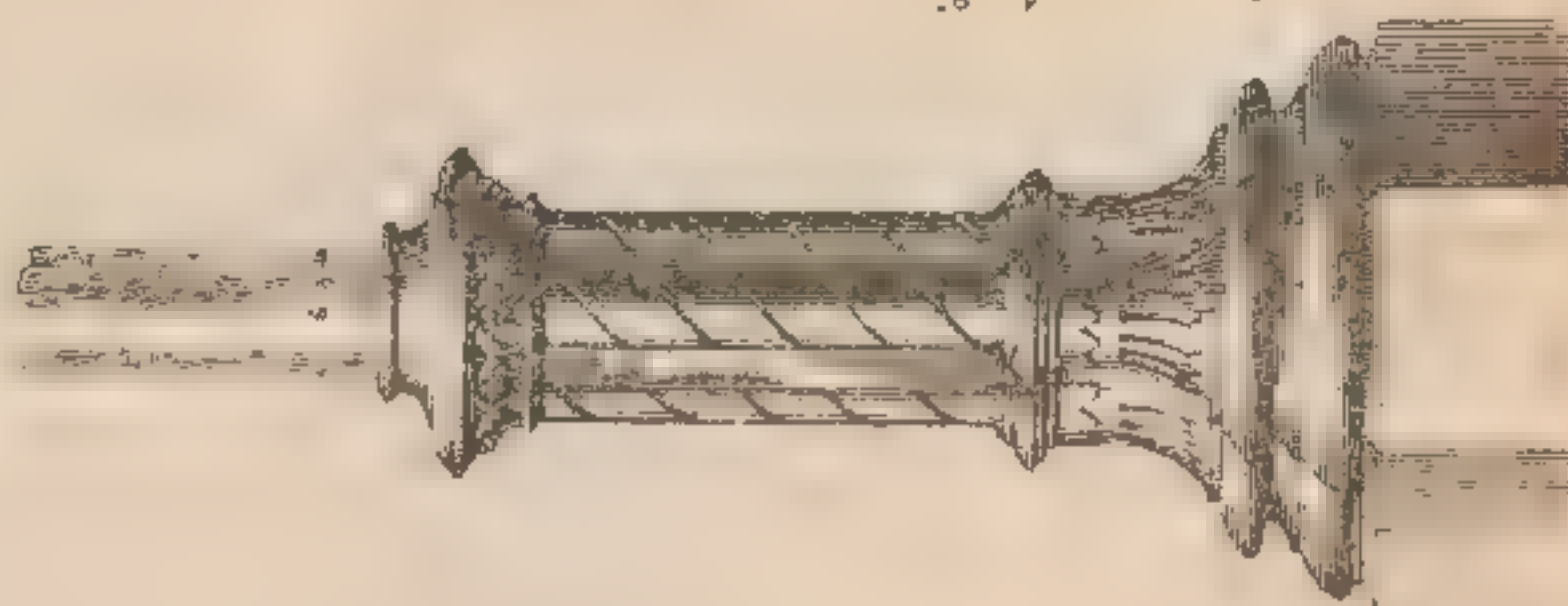
Nº 10



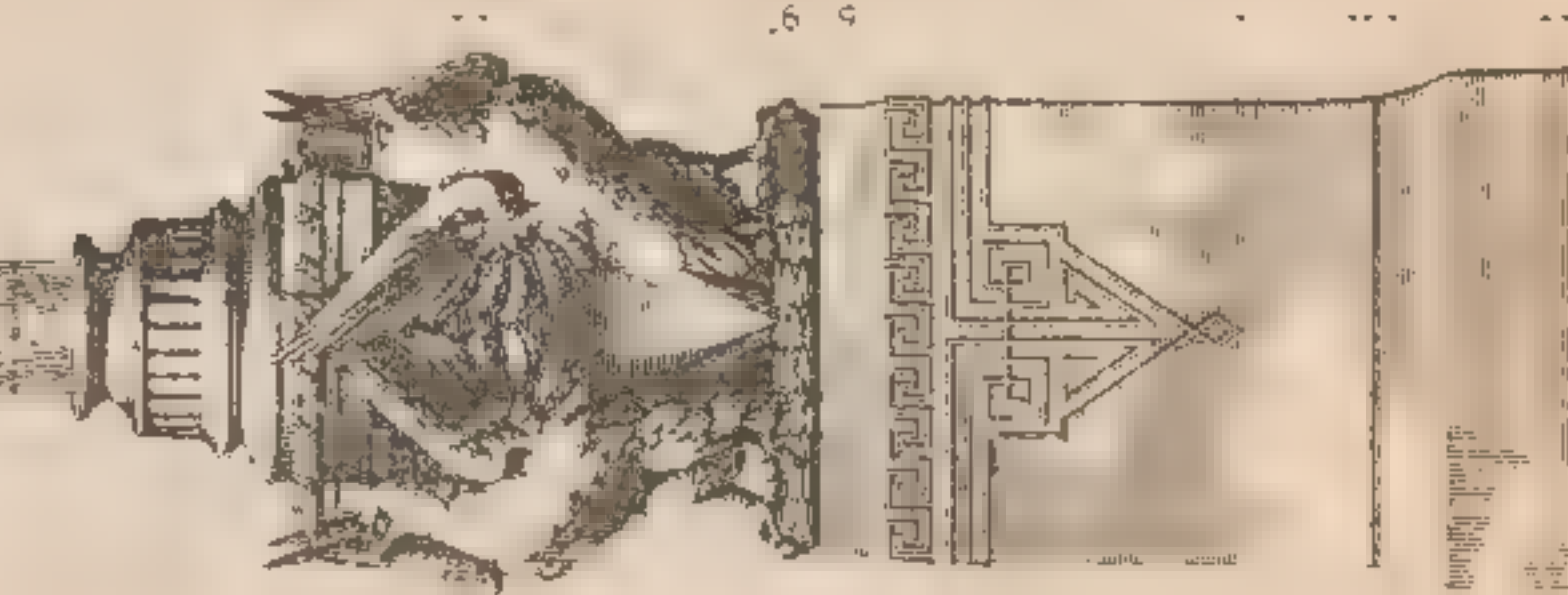
Nº 7



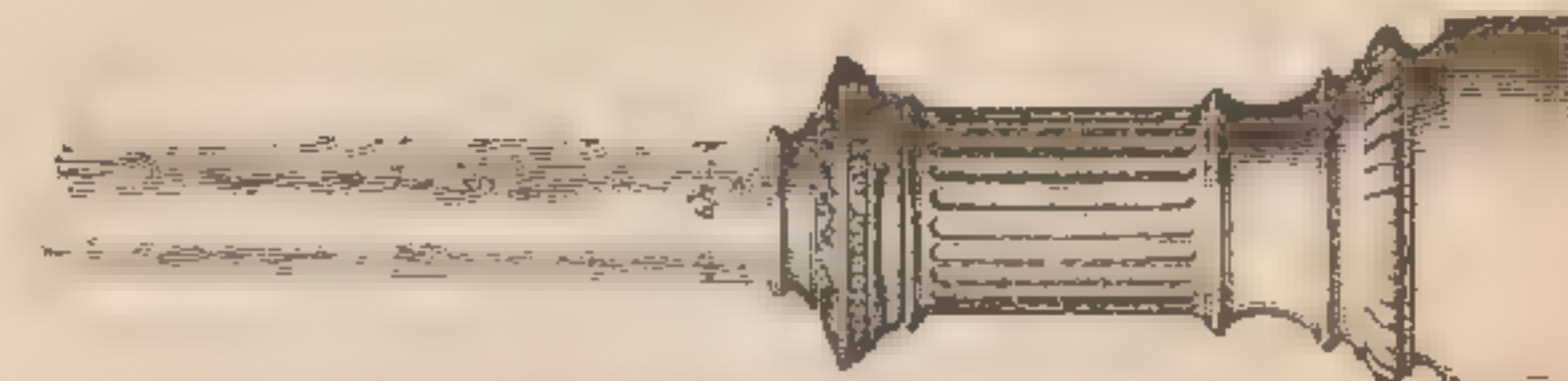
Nº 10



Nº 18



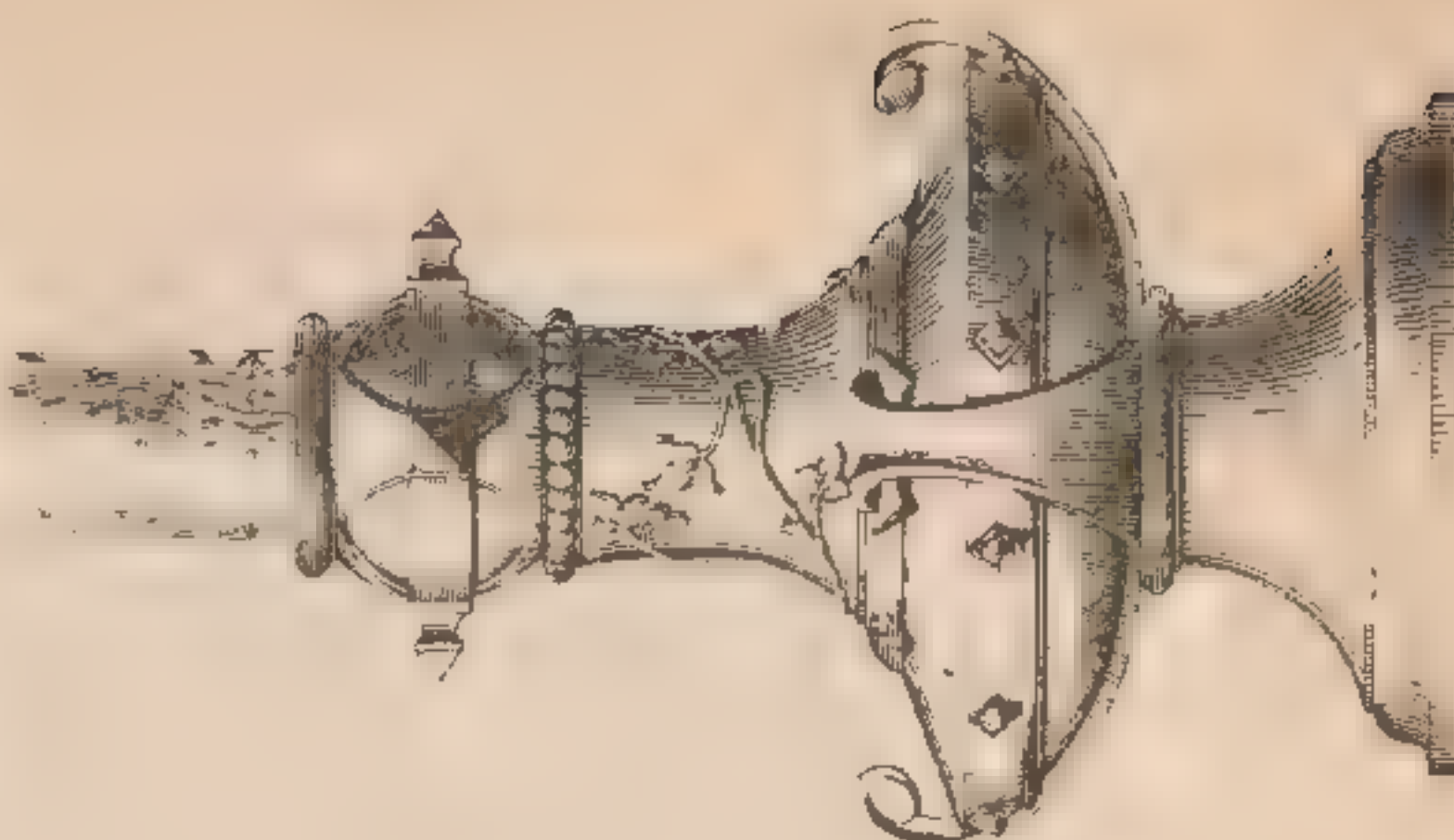
Nº 49



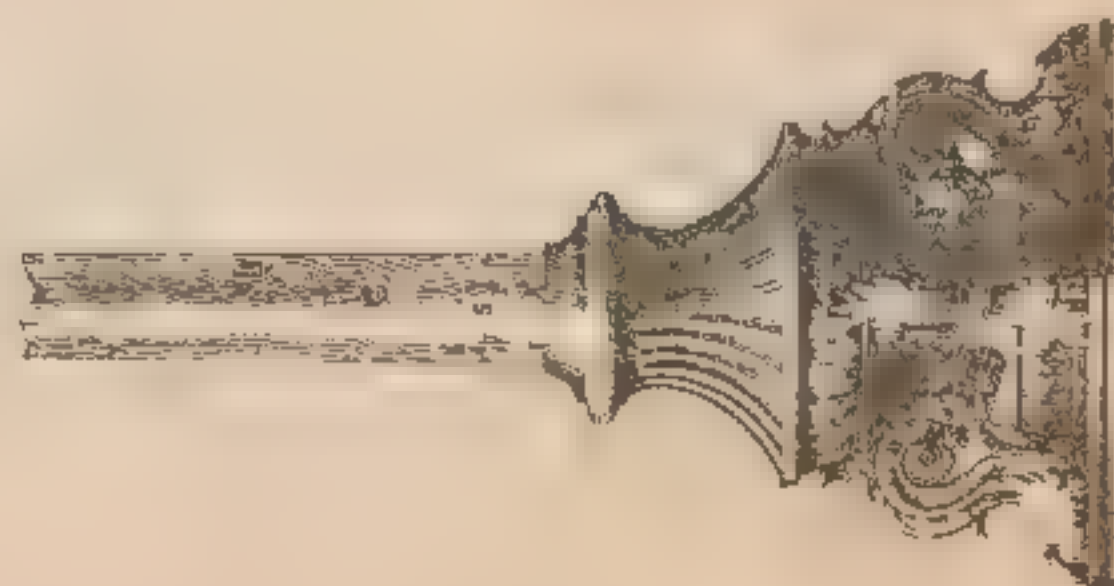
Nº 16



Nº 19



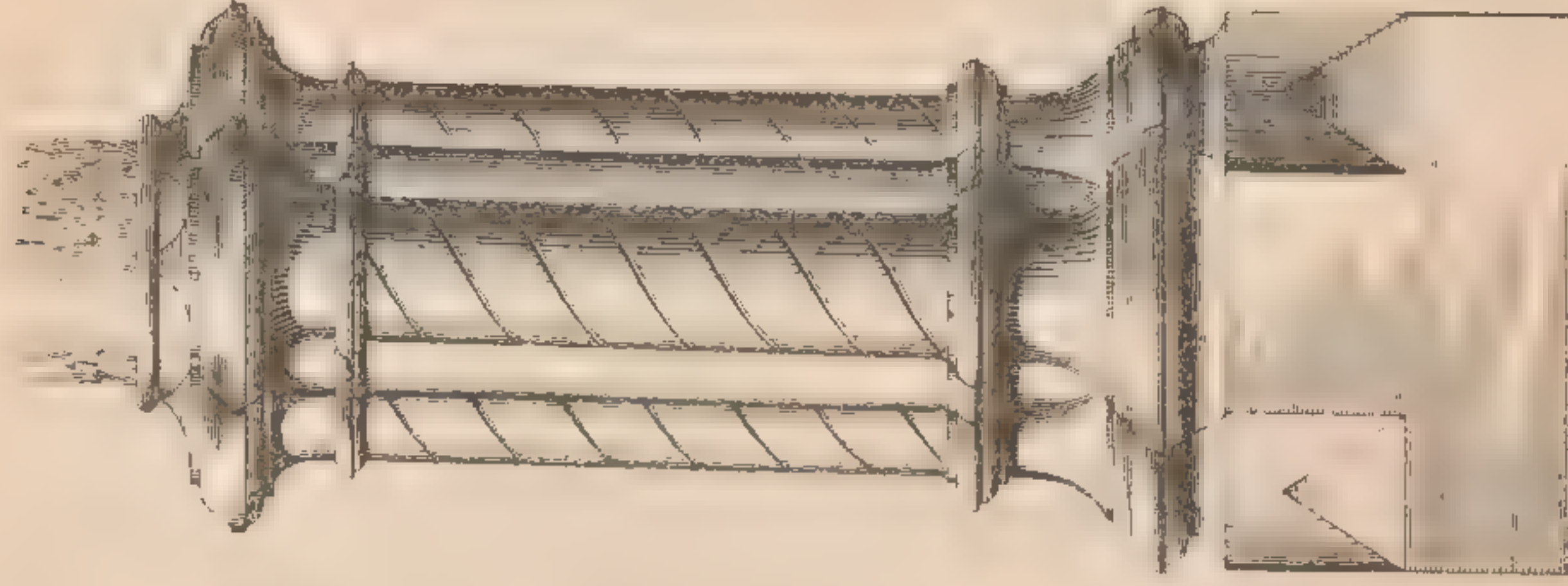
Nº 3



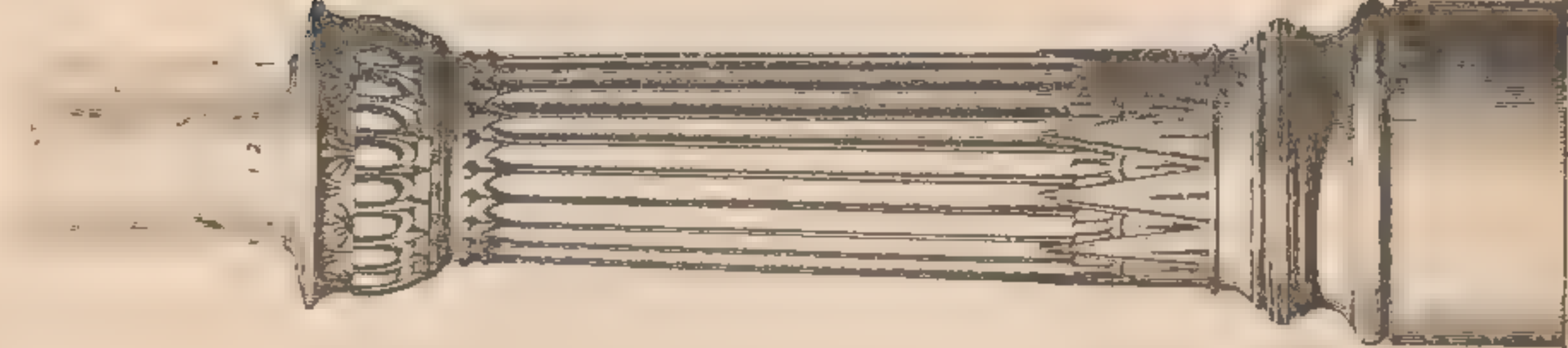


A No 250 Eagle Copper
B Flagstaff and pole with Cast-iron Cylinder Socket, 9' 6" long
C No 119 Flagstaff Base

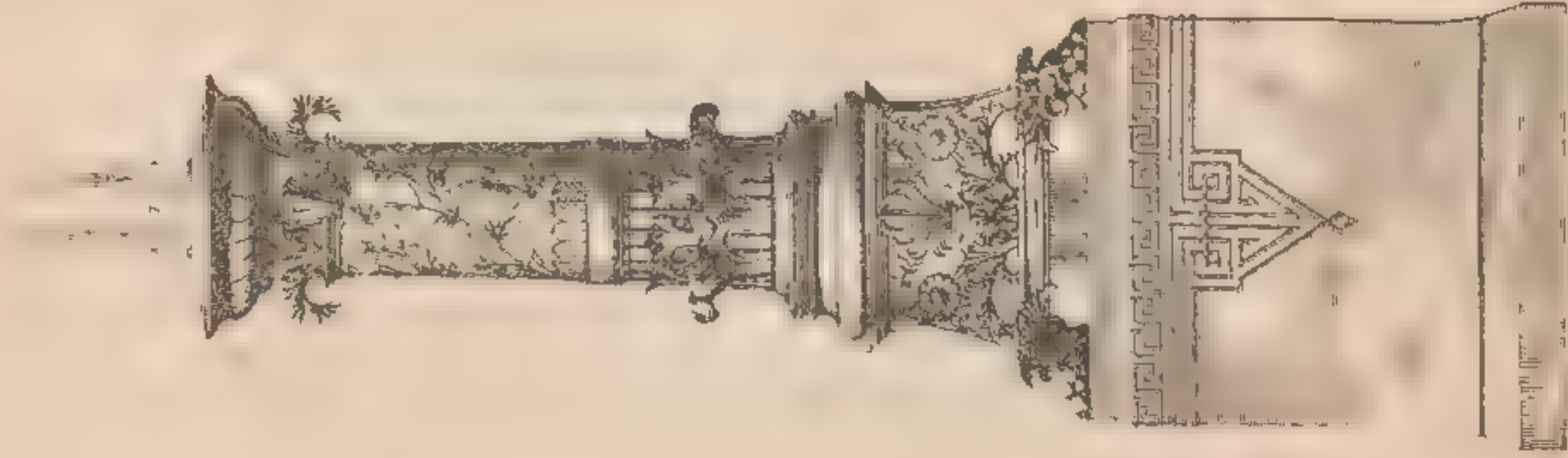
No 0



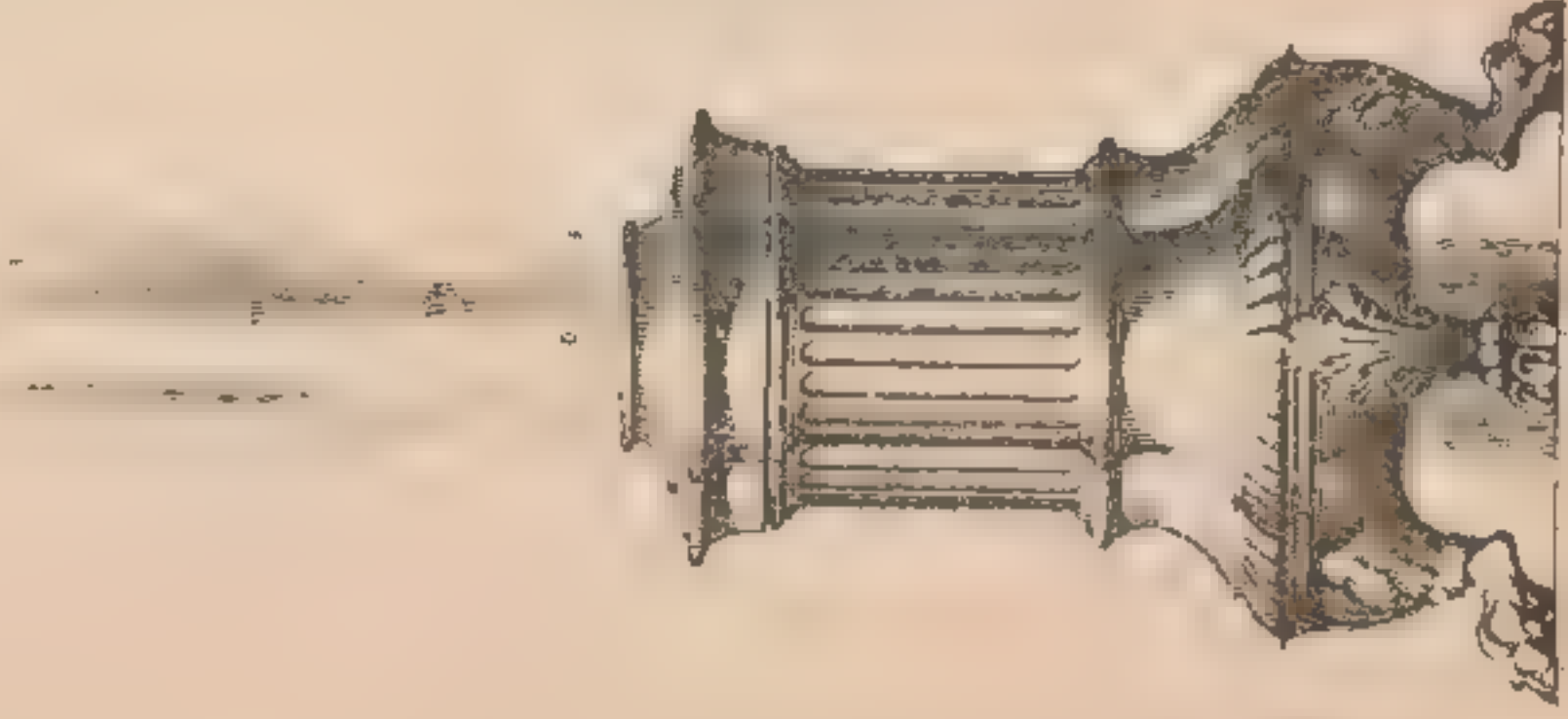
No 44



No 409



No 19



No 119

No 44

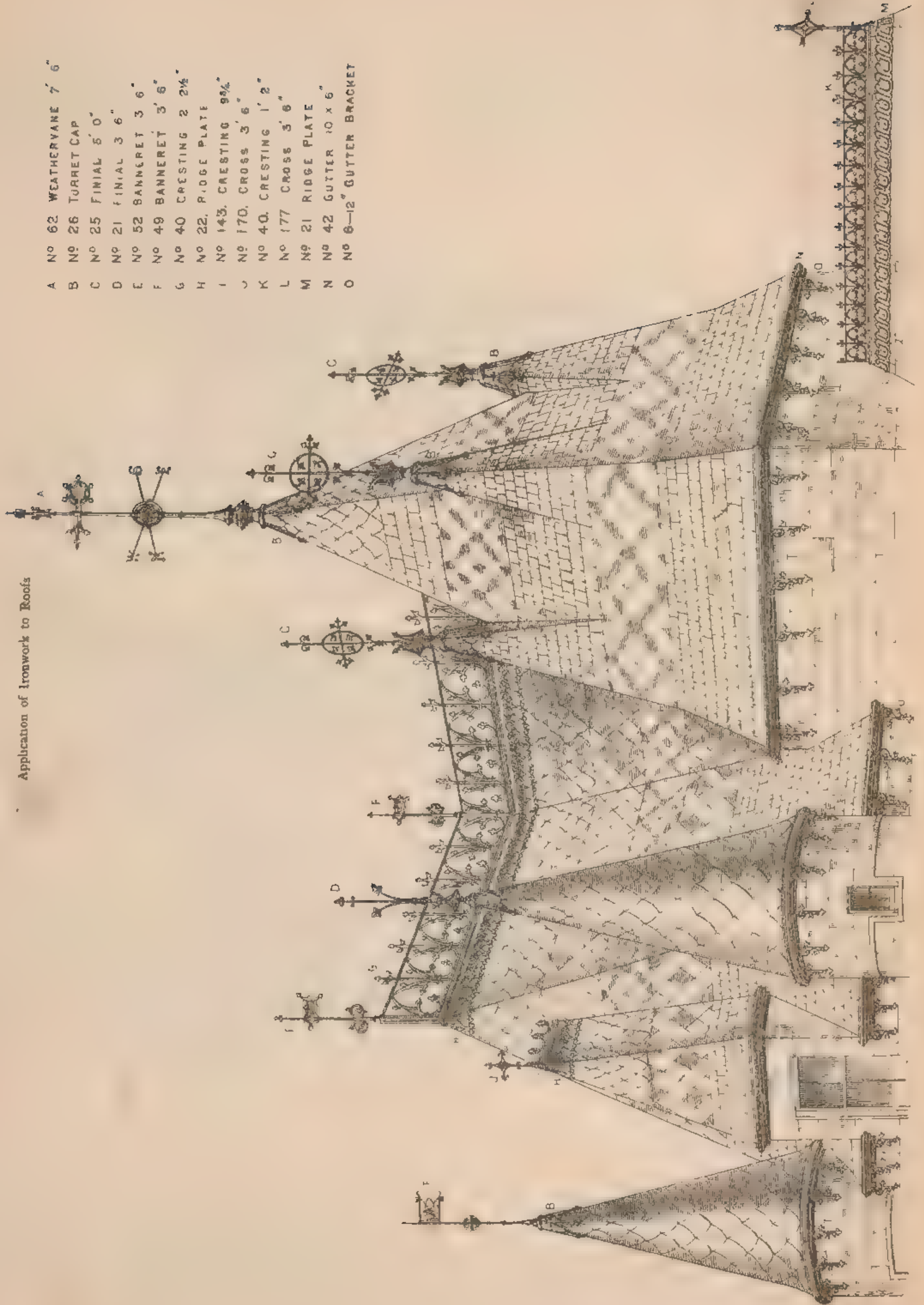
No 409

No 19

MACFARLANE'S CASTINGS - EXAMPLES

No VII

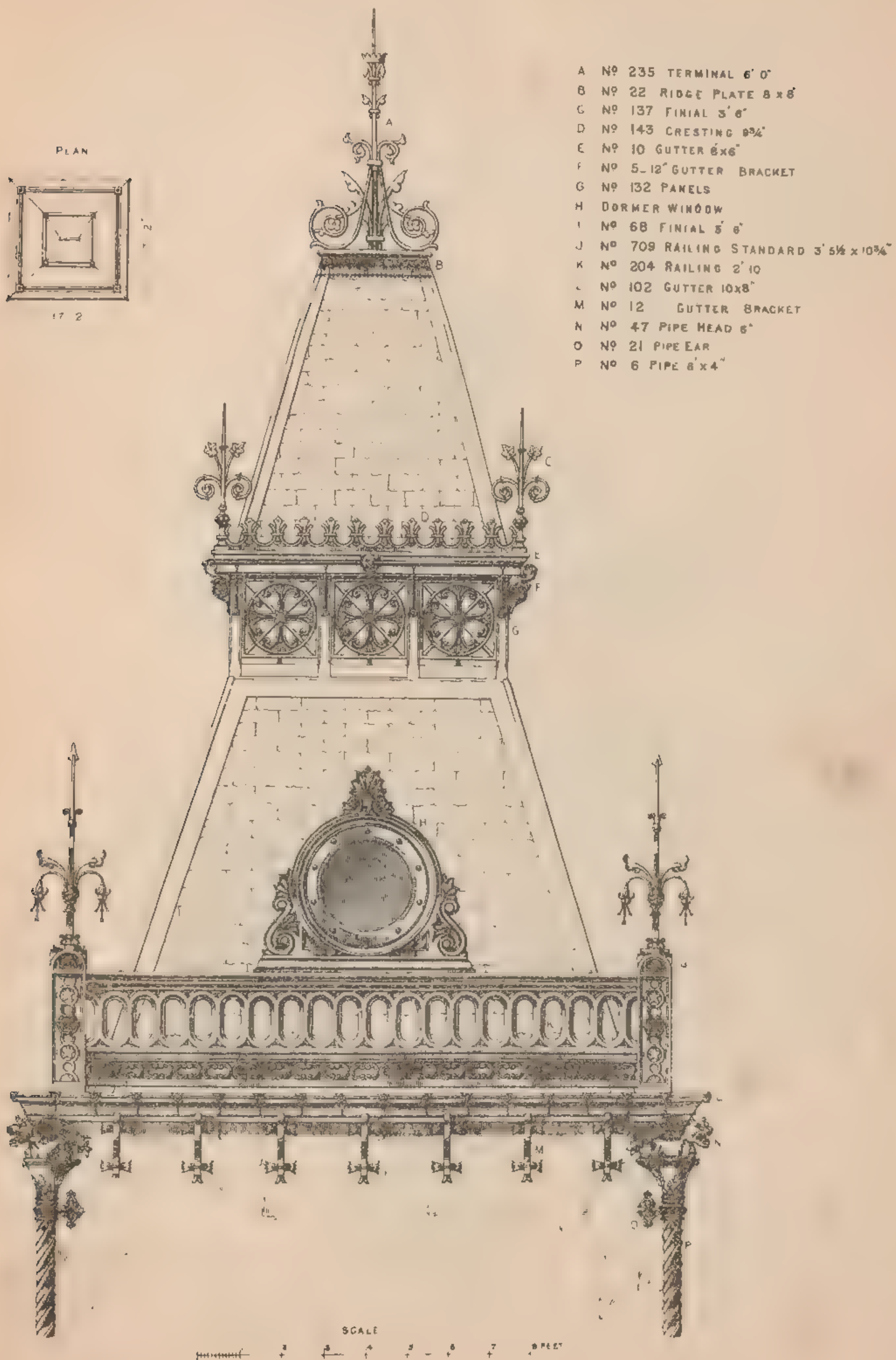
Application of Ironwork to Roofs



MACFARLANE'S CASTINGS — EXAMPLES

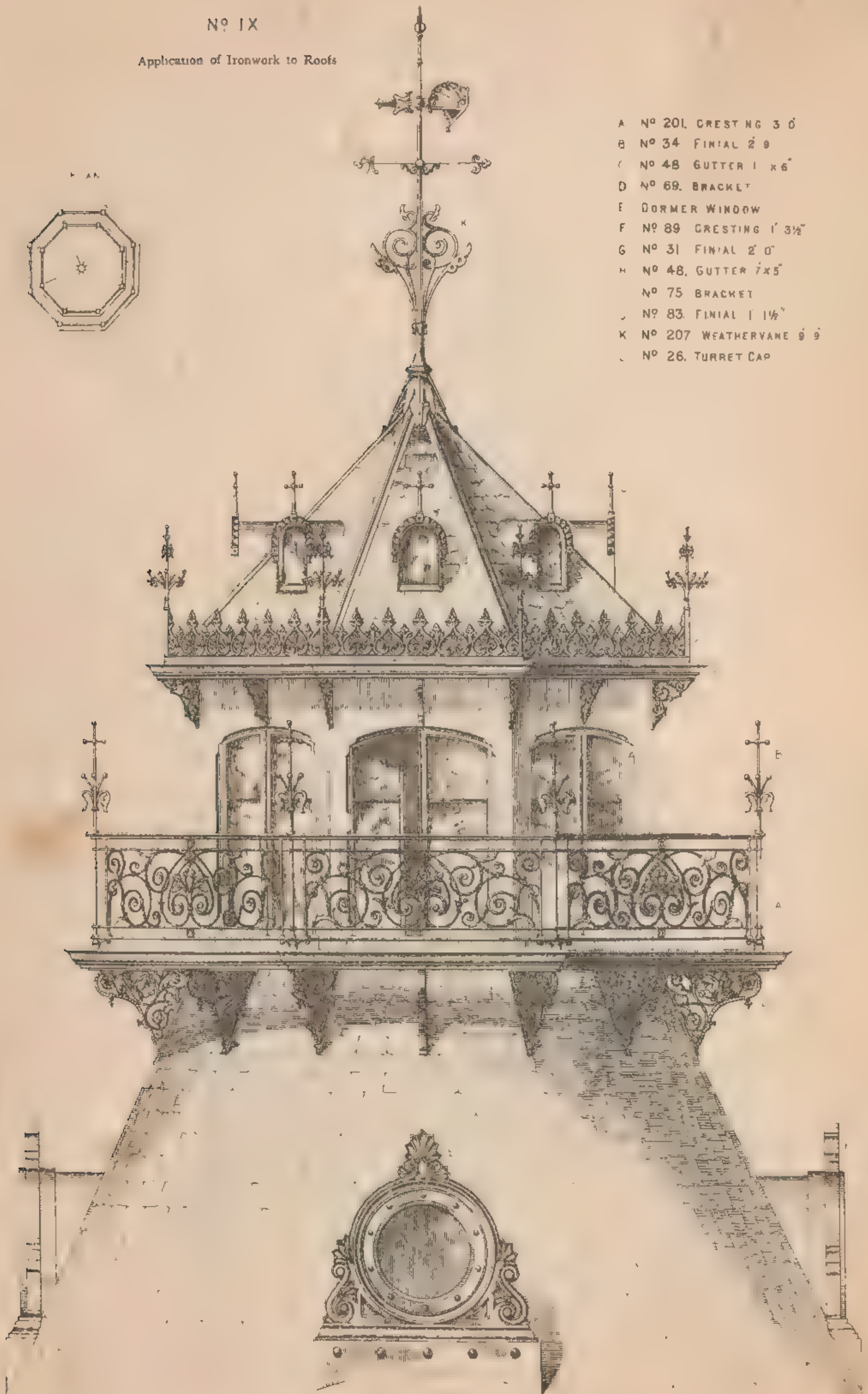
Nº VIII

Application of Ironwork to Roofs.



Nº IX

Application of Ironwork to Roofs



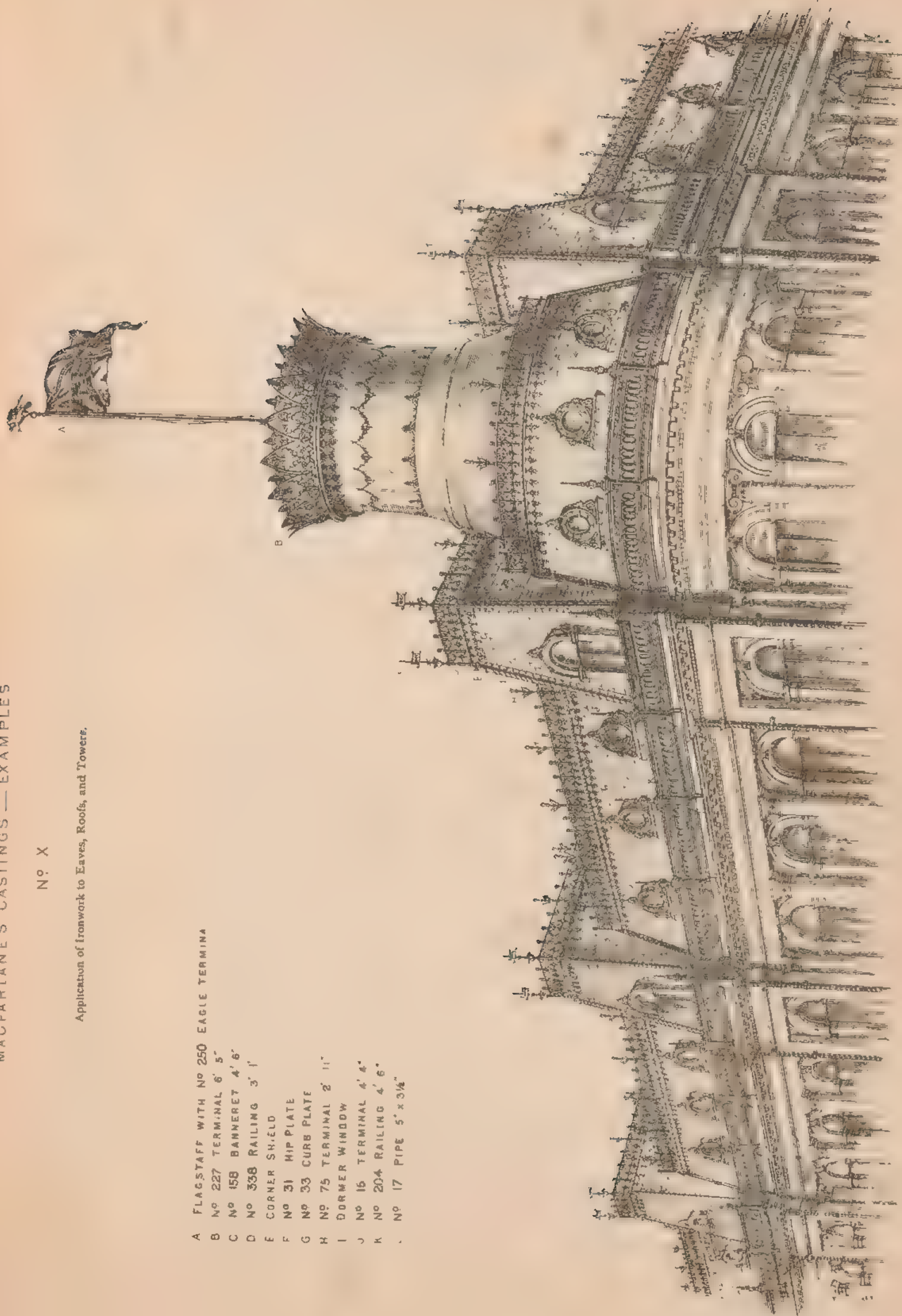
- A Nº 201. CREST NG 3 0
- B Nº 34. FINIAL 2 9
- C Nº 48. GUTTER 1 x 6
- D Nº 69. BRACKET
- E DORMER WINDOW
- F Nº 89. CRESTING 1 3 1/2
- G Nº 31. FINIAL 2 0
- H Nº 48. GUTTER 7 x 5
- I Nº 75. BRACKET
- J Nº 83. FINIAL 1 1 1/2
- K Nº 207. WEATHERVANE 9 9
- L Nº 26. TURRET CAP

SCALE

6 FEET

Application of Ironwork to Eaves, Roofs, and Towers.

- A FLAGSTAFF WITH NO 250 EAGLE TERMINA
- B NO 227 TERMINAL 6' 5"
- C NO 158 BANNERET 4' 6"
- D NO 338 RAILING 3' 1"
- E CORNER SHIELD
- F NO 31 HIP PLATE
- G NO 33 CURB PLATE
- H NO 75 TERMINAL 2' 11"
- I DORMER WINDOW
- J NO 16 TERMINAL 4' 4"
- K NO 204 RAILING 4' 6"
- L NO 17 PIPE 5' x 3 1/4"



SECTION V.—RAILING.

FOR EVERY KIND OF FENCING, PANELLING, AND BUILDING DECORATION.

The purposes to which the Castings in this section may be applied are so many as to preclude enumeration, while the variety of designs and range of sizes are such, that the customer knowing the position the castings are to occupy, and the surrounding objects they are to harmonize with, can, by determining approximately the height required, select patterns suitable for his purpose, and by reference to the other sections of our Catalogue, endless combinations will suggest themselves, besides those illustrated. We are glad at all times to submit to our customers sketches of alternative combinations on receiving a description of the position, with measurements, and an indication of the taste of the customer.

Please insert in Specification "To be Macfarlane's Castings, from Saracen Foundry, Glasgow," to prevent an inferior article being supplied

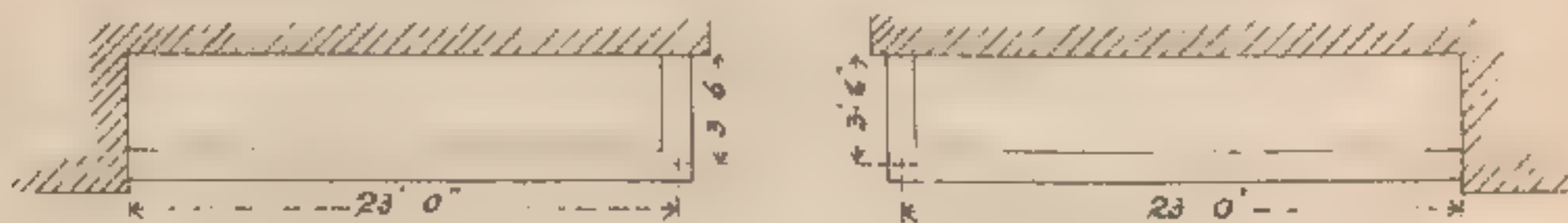
Railing, Cresting, Panelling, Grilles, Trellises, Palisades, Frieze Rails, Gratings, Ventilators, and Window Guards; Parapet, Gallery, Balcony, Screen, Altar and Tomb Railing, &c.,	pages 172—285	Gates,	see Section VI., pages 293—333
Bar Rails,	286	Railing and Gate Standards,	" VI., " 334—339
Altar Rail Standards,	286	Panels,	" VII., " 341—361
Handrails,	287—288	Ventilators,	" VII., " 362
Wall Coping,	288	Floor Gratings,	" VII., " 363—367
Railing Sockets,	288	Balusters,	" VIII., " 373—380
		Balconies,	" IX., " 387—396
		Examples,	" 289—292
		Also other examples at end of Catalogue.	

The Illustrations are arranged in the order of their heights.

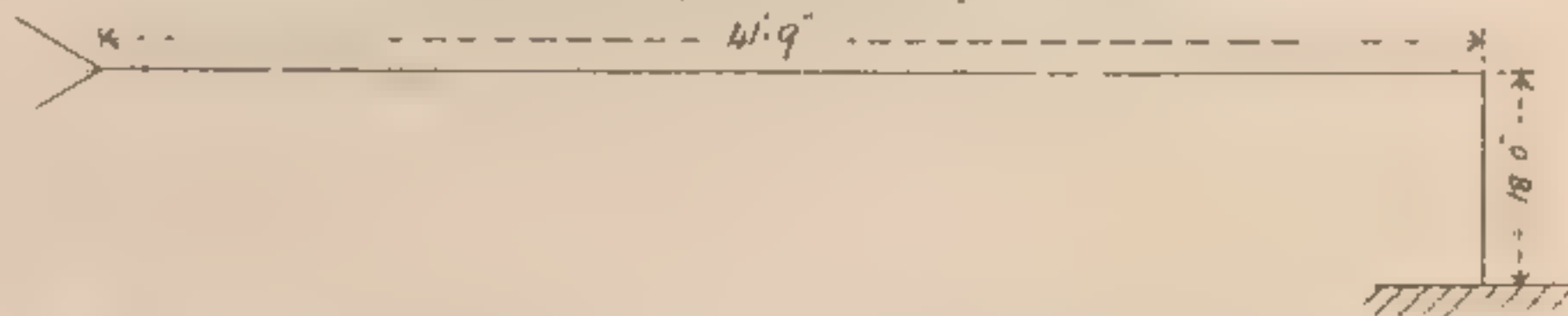
DIRECTIONS FOR ORDERING.

State the No. and sizes, and if necessary send a rough sketch of what the Railing is to be fixed to, giving exact measurements, and stating the nature of the fixings required, whether for stone, brick, wood, or iron. The following examples show the simplest method of ordering.

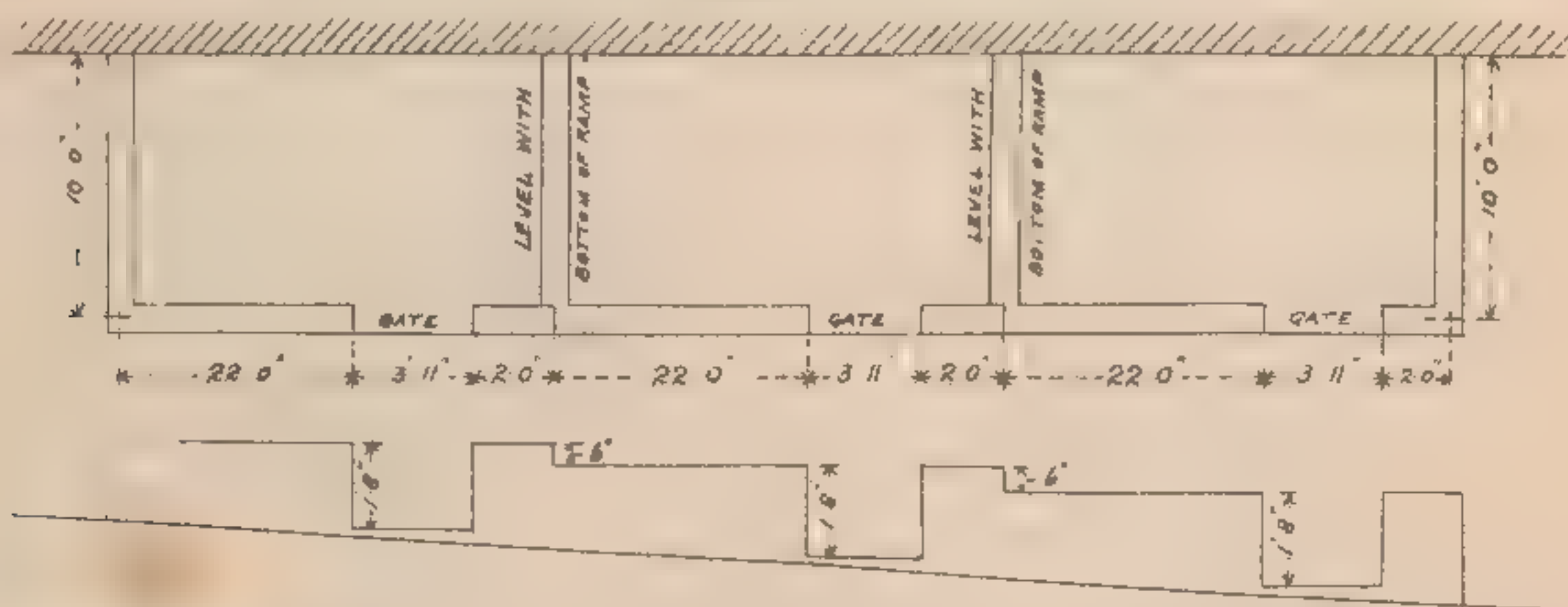
No. 802 Railing 2' 10", with No. 5 Handrail 3 1/4" x 1 1/4", and No. 690 Railing Standards 4' 0", with fixings at bottom and ends for stone as sketch.



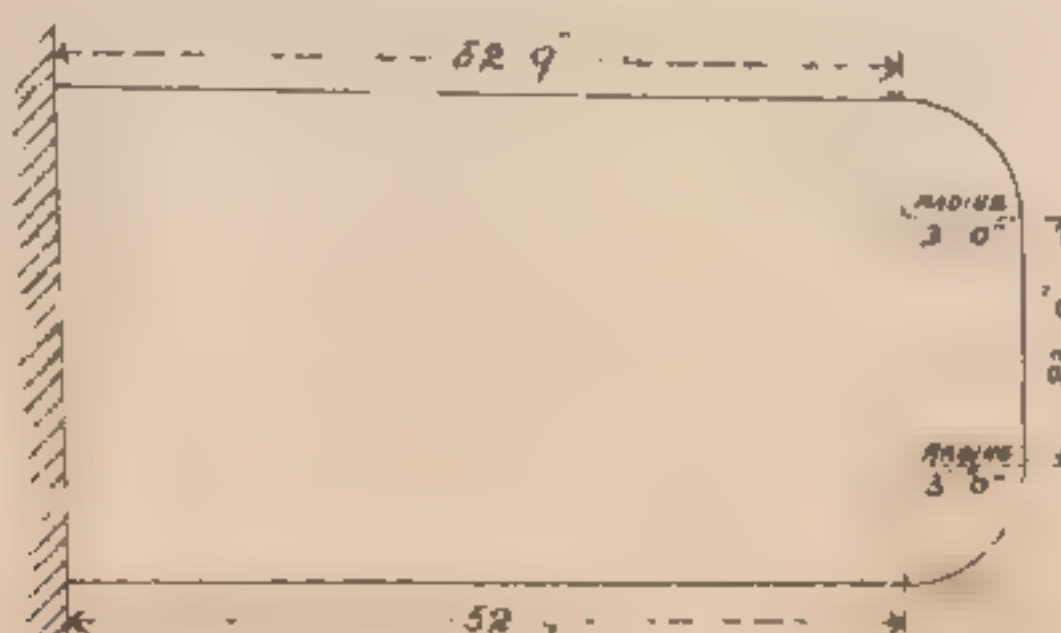
No. 2 Ridge Plate 8" x 8" x 1/4ths pitch with Angles, and fitted with No. 921 Cresting 1' 8", having No. 449 Terminal 5' 0" at corner and at one end, with batts at other end for fixing to stone chimney as sketch.



No. 920 Railing 2' 4 1/4", with No. 12 Wall Cope 9", and 4 No. 807 Railing Standards 3' 6" adapted to suit corners and ramps, 3 No. 920 Gates 3' 6" x 5' 0" having locks, and 6 No. 744 Gate Standards and Backstays, all fitted complete as sketch.

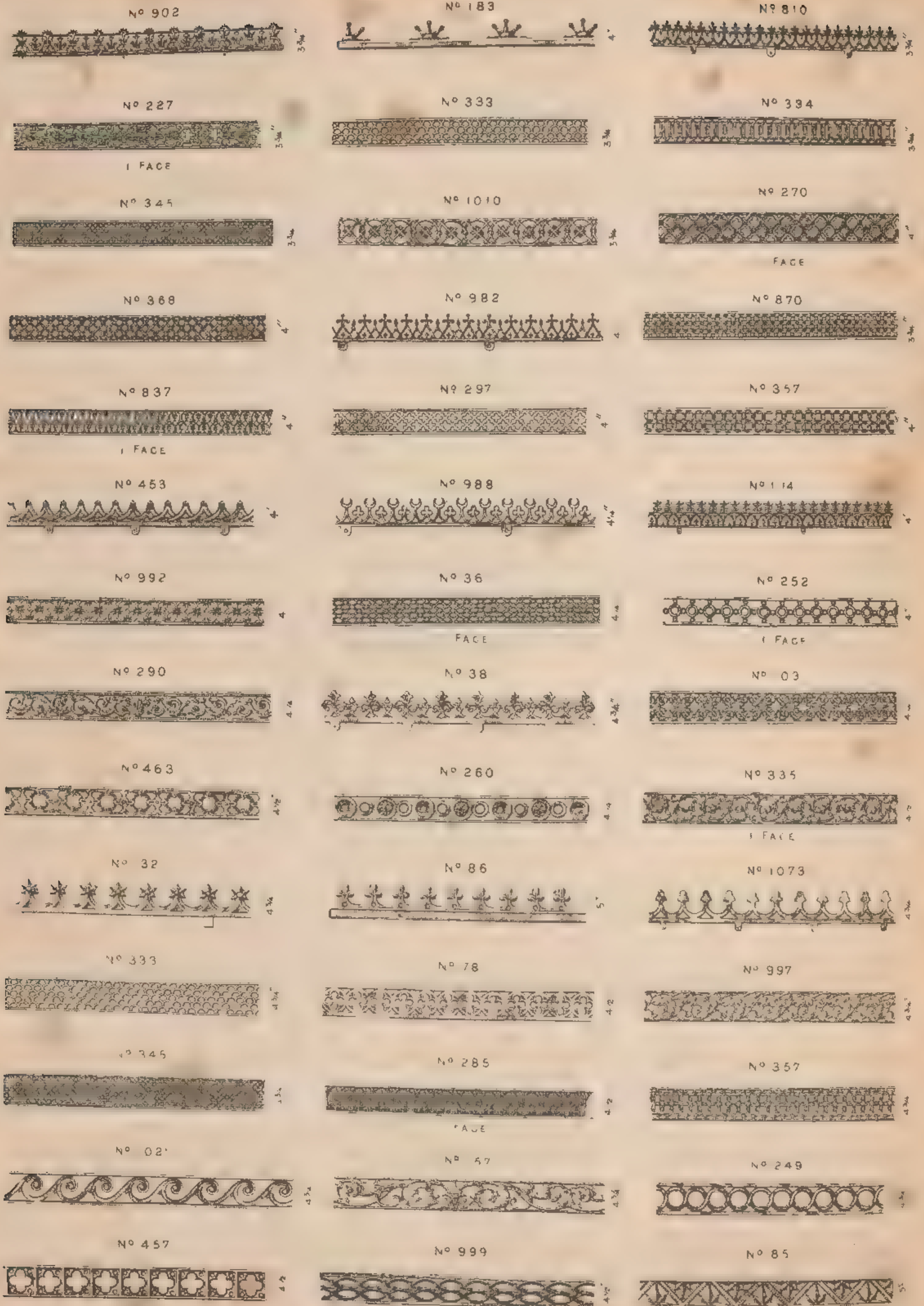


No. 139 Railing 2' 10 1/4" for Gallery front, prepared at bottom for fixing to wood beam, and at top for mahogany cope as sketch.



MACFARLANE'S CASTINGS — RAILING





Nº 898



Nº 1021



Nº 893



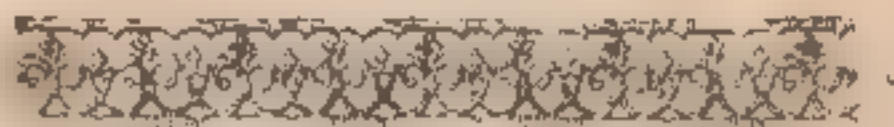
Nº 56



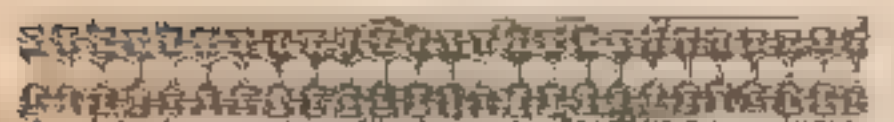
Nº 98



Nº 38



Nº 827



Nº 92



Nº 30



Nº 870



Nº 368



Nº 344



Nº 070



Nº 983



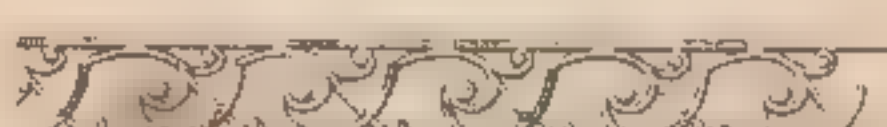
Nº 53



Nº 903



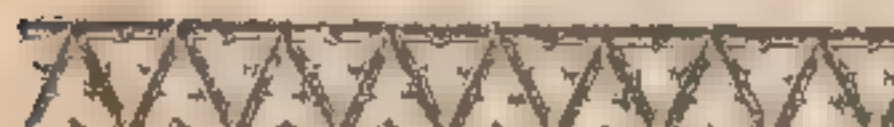
Nº 298



Nº 56



Nº 258



Nº 83



Nº 31



Nº 270



Nº 295



Nº 36



Nº



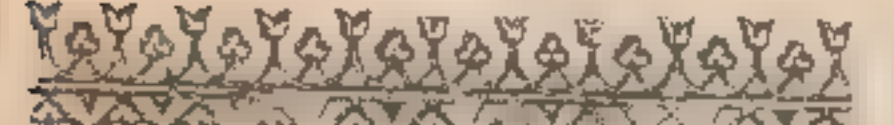
Nº 2



Nº 35



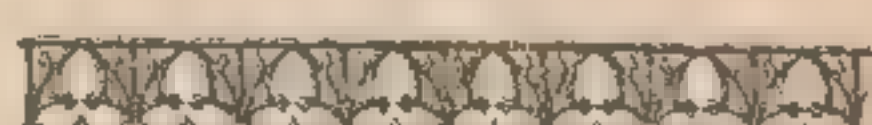
Nº 32



Nº 868



Nº 40



Nº 297



Nº 265



Nº 333



Nº 410



Nº 229



Nº 223



FACE

FACE

FACE

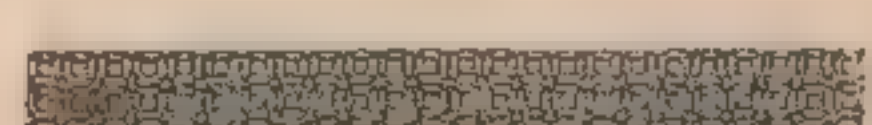
Nº 269



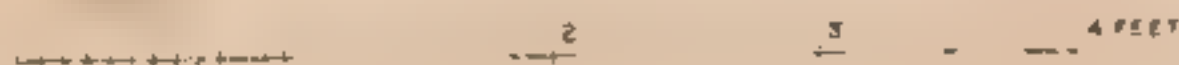
Nº 03

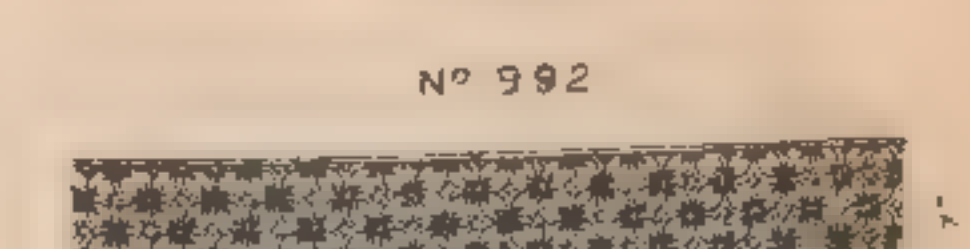
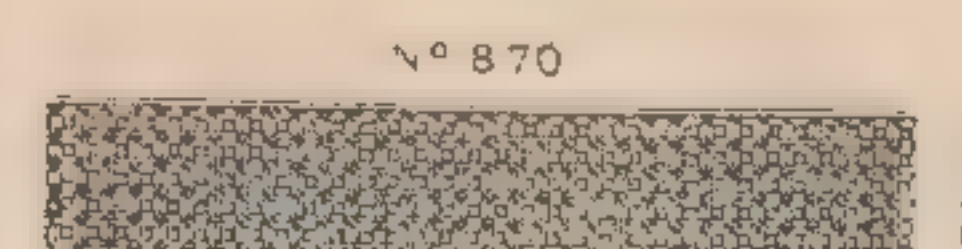
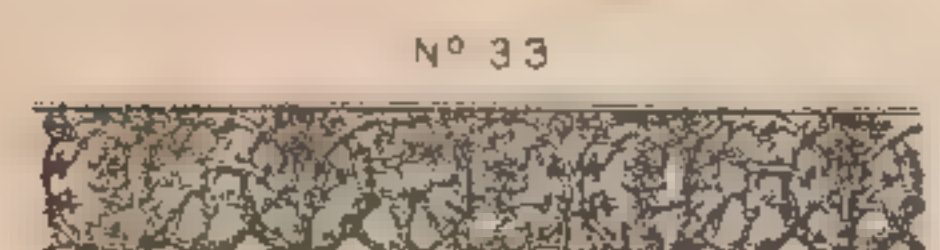
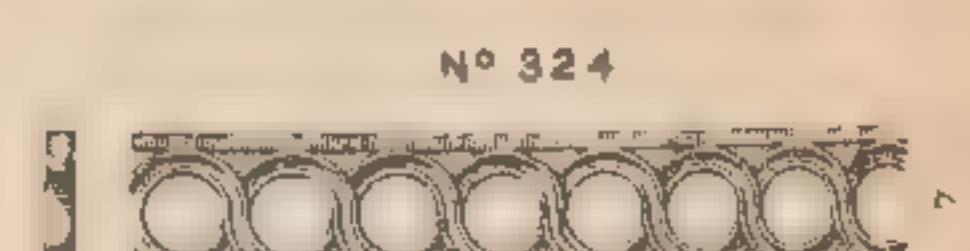
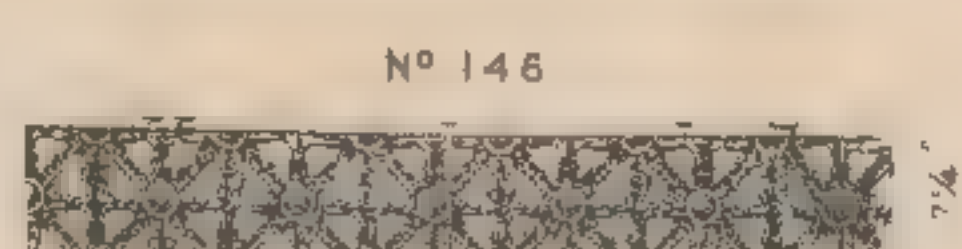
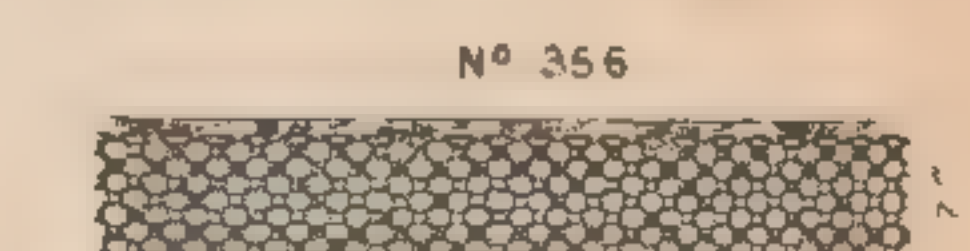
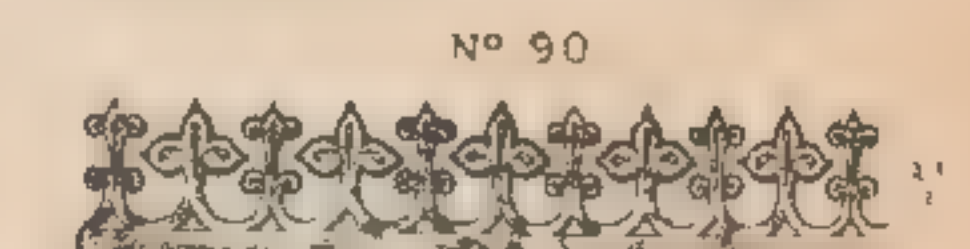
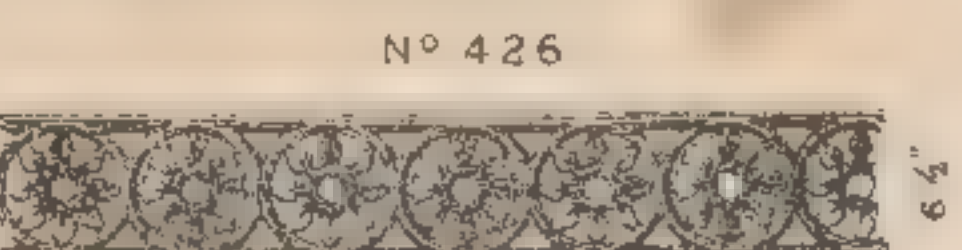
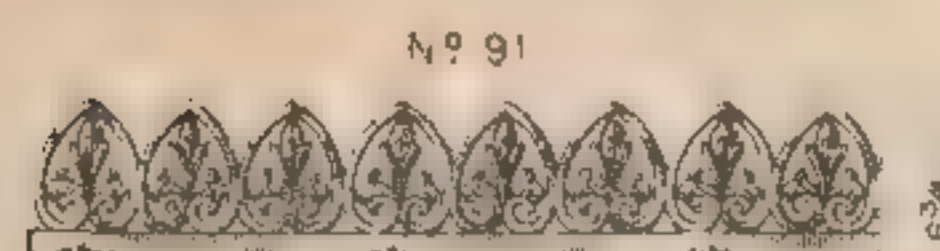
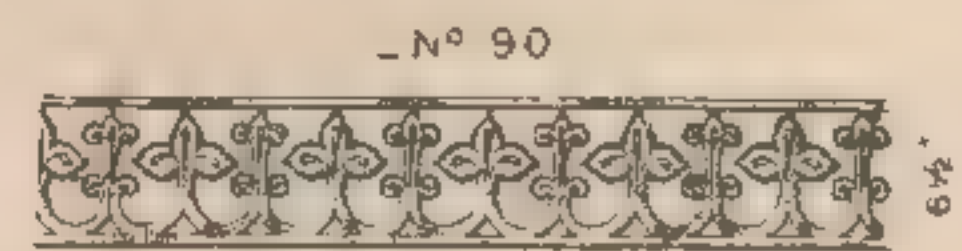
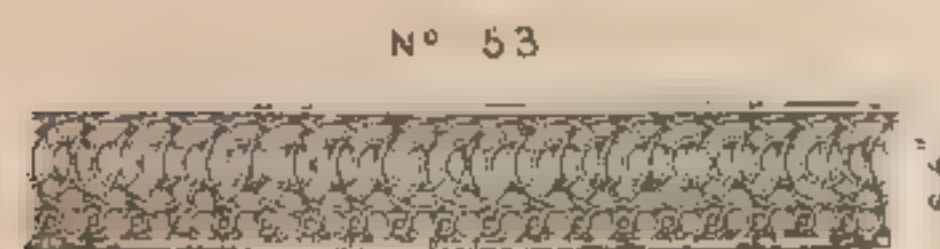
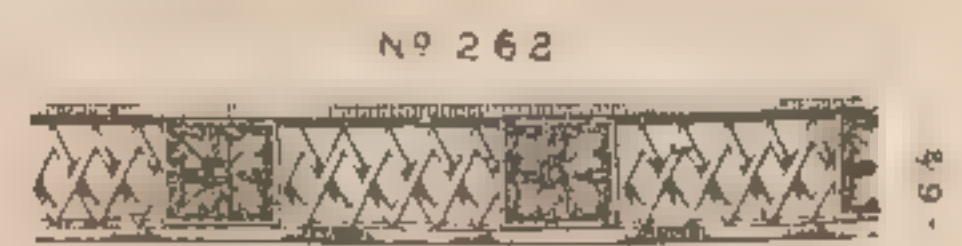
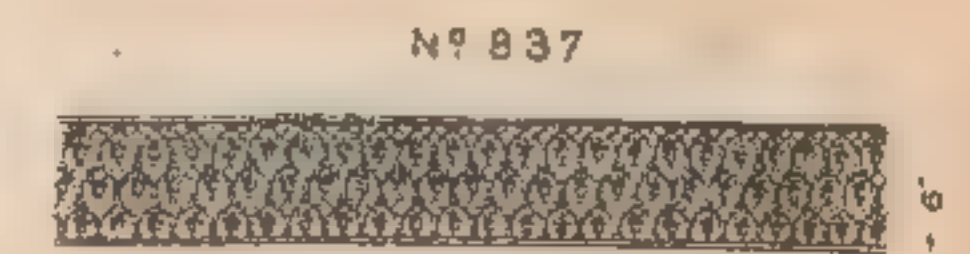
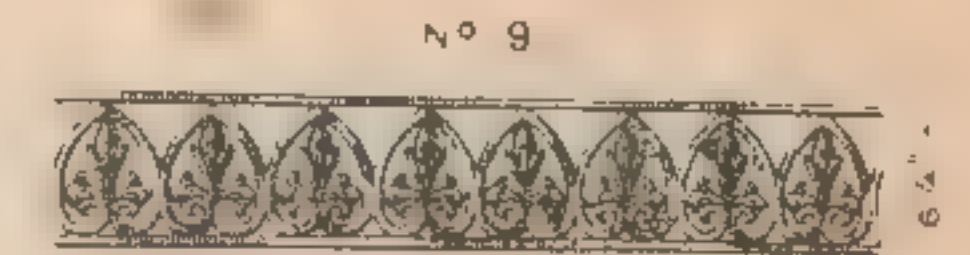
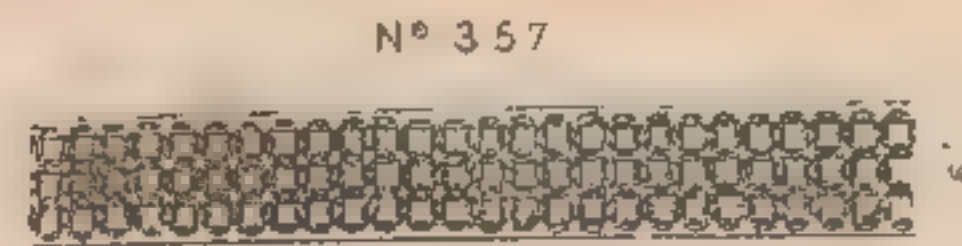


Nº 344



SCALE





MACFARLANE'S CASTINGS — RAILING

N° 92



N° 225

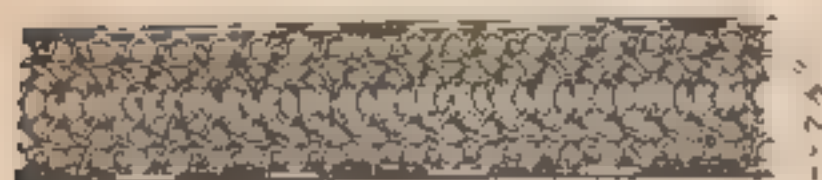


N° 996



FACE

N° 153



1 FACE

N° 133



N° 109



FACE

N° 323



N° 20



N° 47



N° 87



N° 133



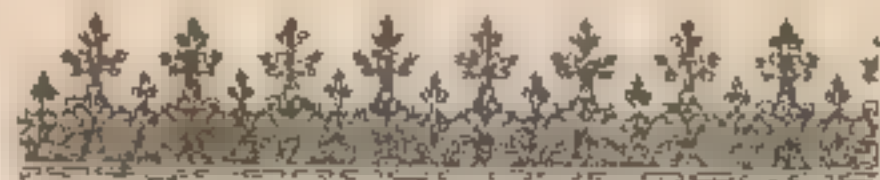
N° 178



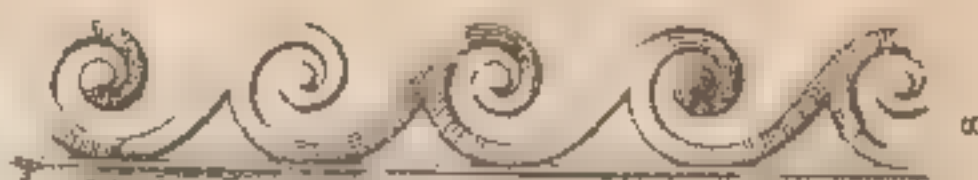
N° 912



N° 808



N° 1021



N° 2



N° 129



N° 357



N° 270



N° 410



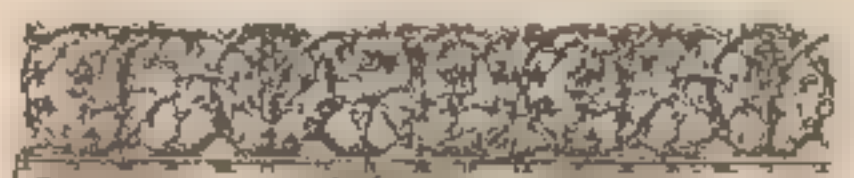
1 AND 2 FACES

1 FACE

N° 183



N° 33



N° 205



N° 393



N° 85



N° 361



FACE

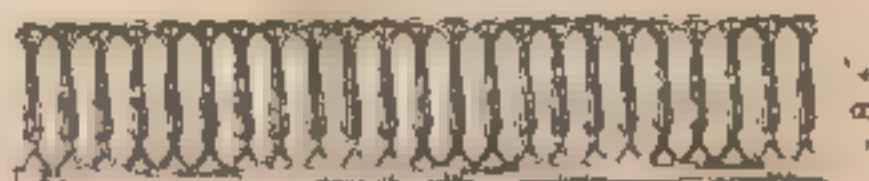
N° 428



N° 257



N° 288



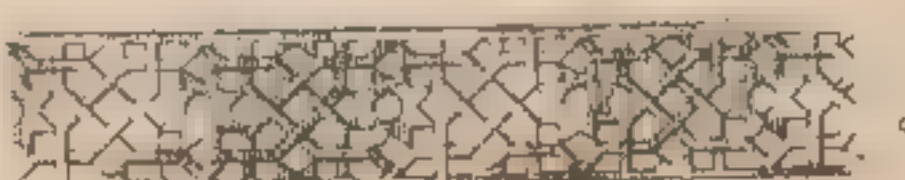
N° 1118



N° 259



N° 1117



FACE

SCALE

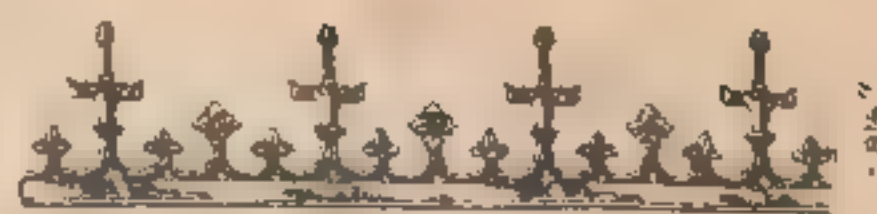
N° 48



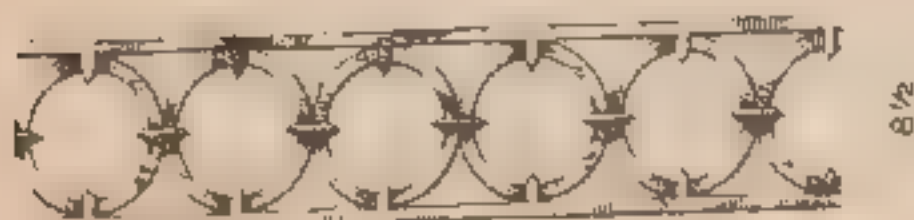
N° 13



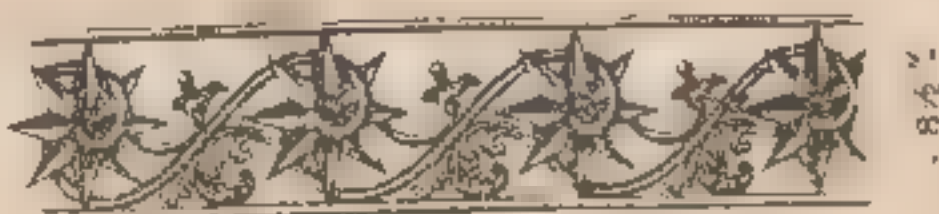
N° 983



N° 130



N° 439



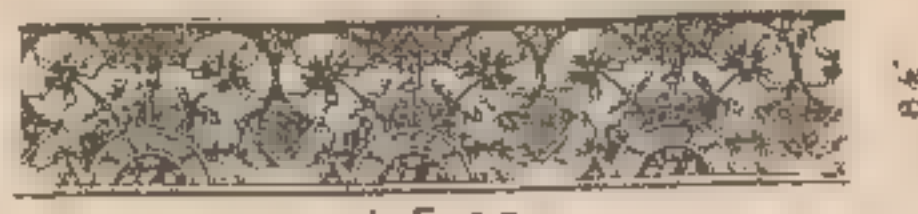
N° 393



N° 442



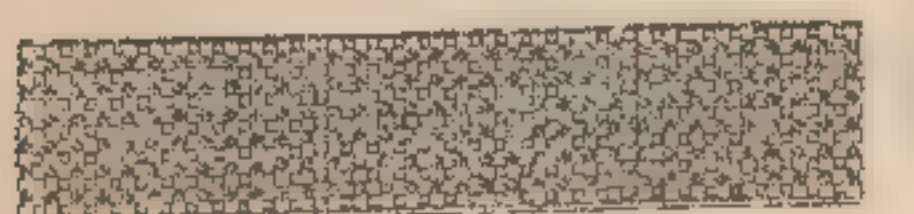
N° 34



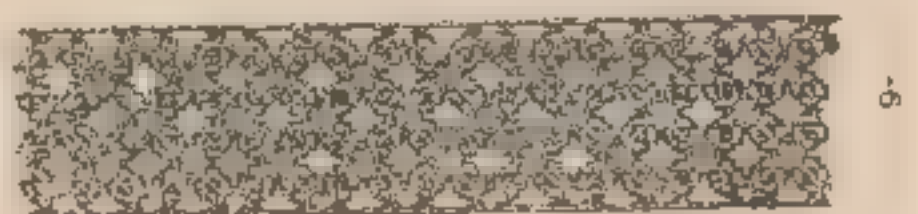
N° 264



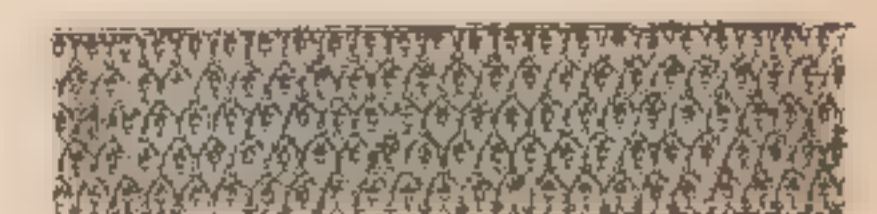
N° 870



N° 03

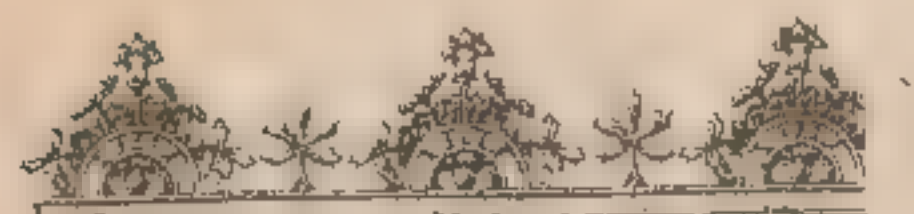


N° 837



AND 2 FACES

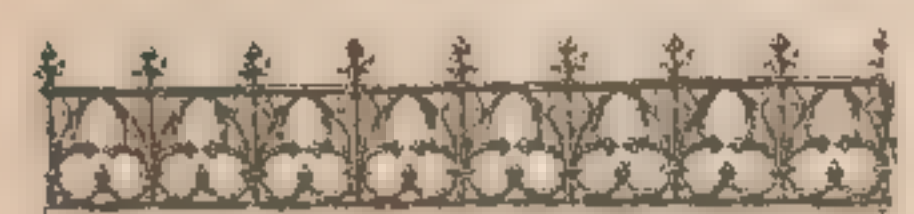
N° 62



N° 88



N° 40



N° 439



N° 136



N° 256



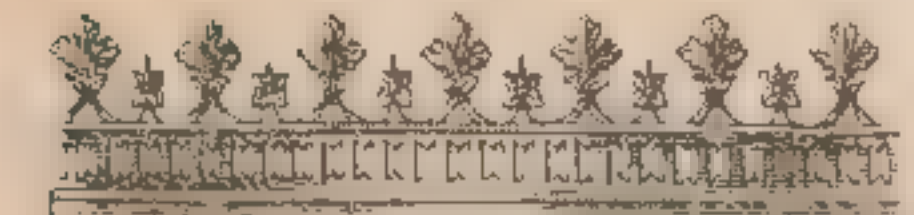
N° 2



N° 14



N° 115



N° 272

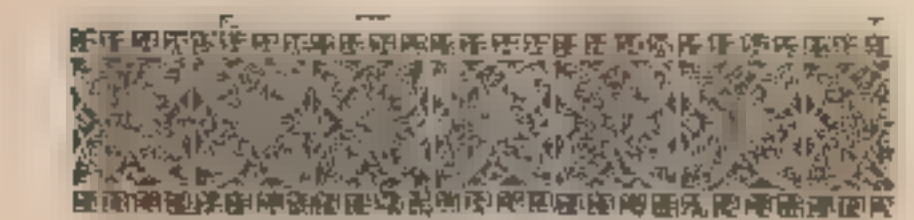


N° 55



1 FACE

N° 269

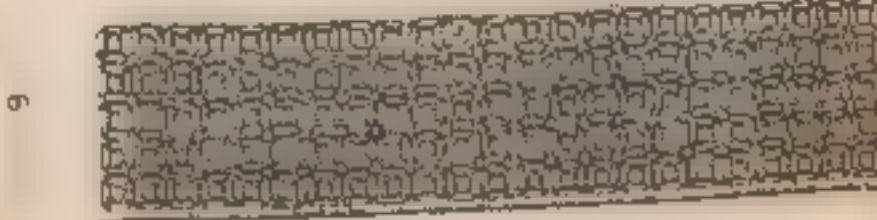


N° 335



1 FACE

N° 344



N° 73



N° 467



1 FACE

N° 339



S. A. L.

A. F. E.

Nº 35



Nº 264



Nº 105



Nº 40



Nº 183



Nº 76



Nº 72



Nº 87



Nº 15



Nº 183



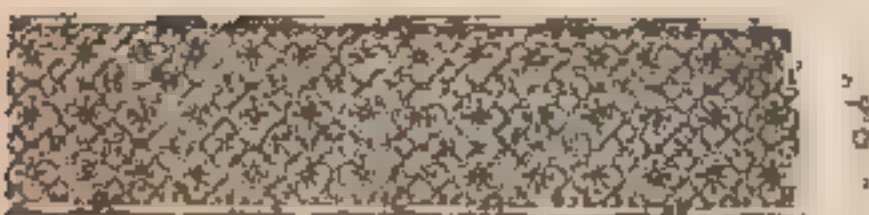
Nº 761



Nº 7



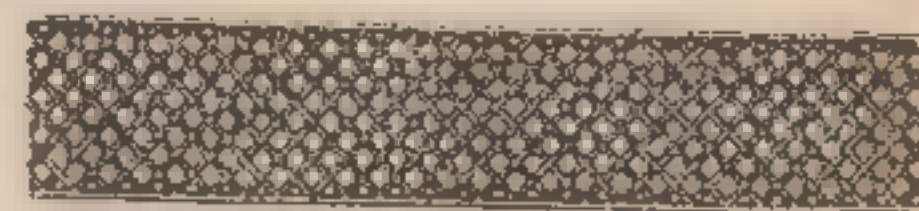
Nº 890



Nº 997



Nº 368

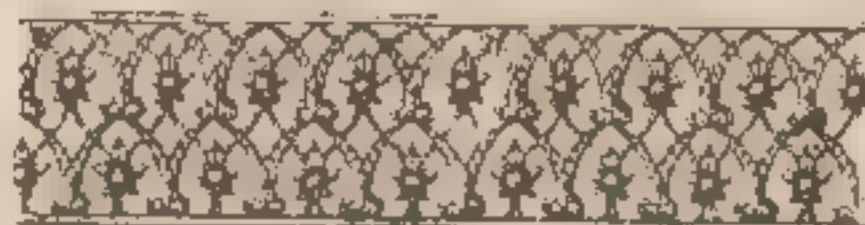


FACE

Nº 143



Nº 892



Nº 893



Nº 428



Nº 320



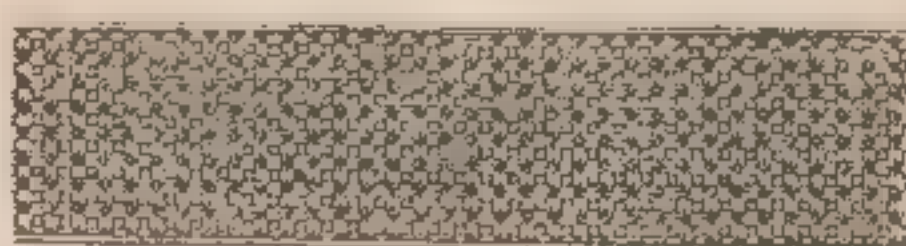
Nº 7



Nº 69



Nº 870

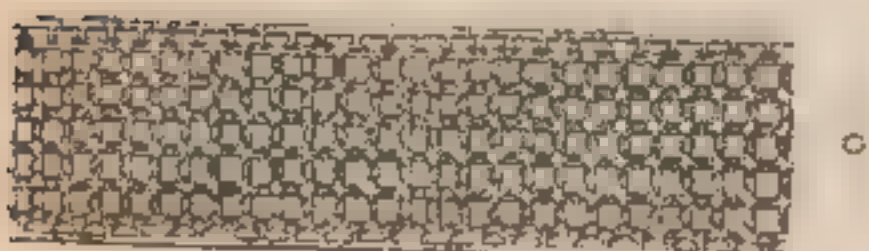


Nº 268

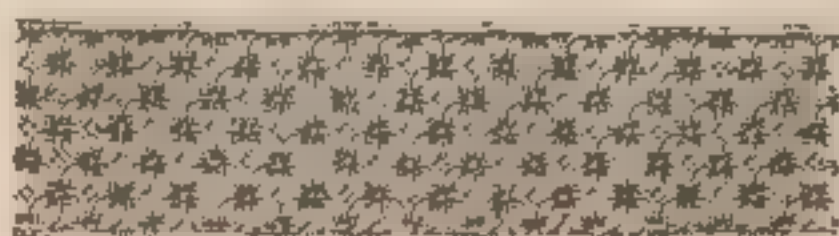


FACE

Nº 357



Nº 992



Nº 383



Nº 906



Nº 133



FACE

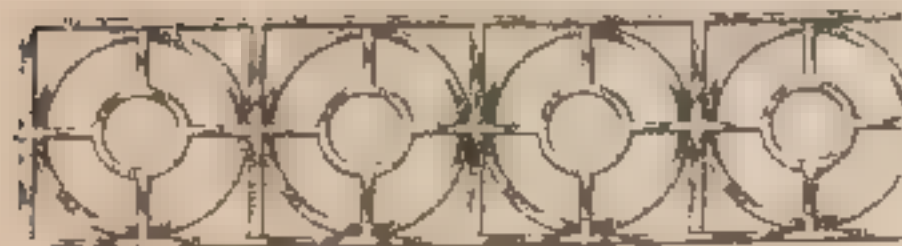
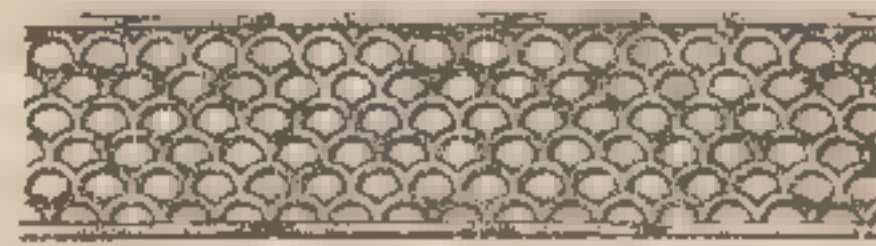
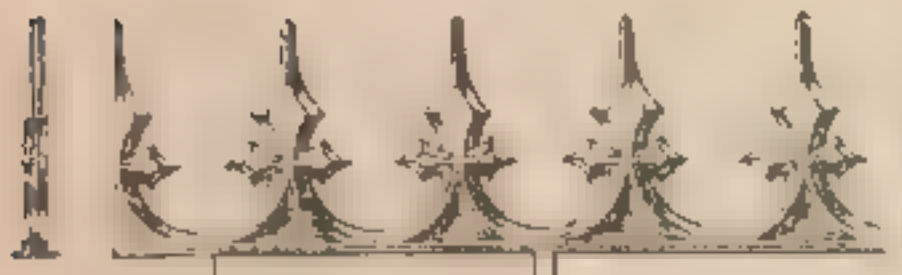
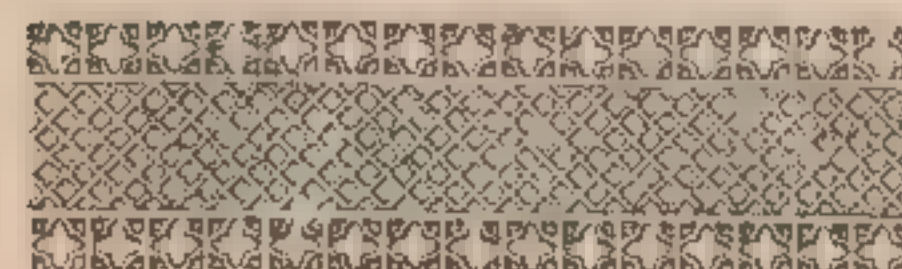
MACFARLANE'S CASTINGS — RAILING

N^o 806 — 9' 0" LONG

Also 3' 6" and 6' 0" long, without wreath.



Either of the symbols, Star or Cross, can be substituted for Anchor shown in wreath. Other devices to order.

N^o 4N^o 52N^o 113N^o 8N^o 257N^o 2N^o 271N^o 91N^o 243N^o 222N^o 9N^o 17N^o 78N^o 296N^o 36N^o 35N^o 6N^o 65N^o 266N^o 270N^o 294N^o 389N^o 57N^o 109

SCALE

+ + + + +

2

3

4 FEET

Nº 984



Nº 213



Nº 88



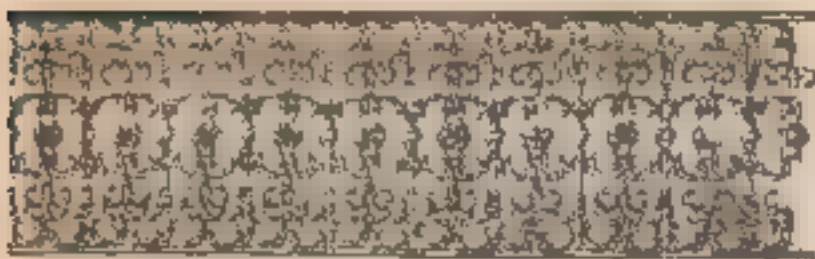
Nº 87



Nº 152



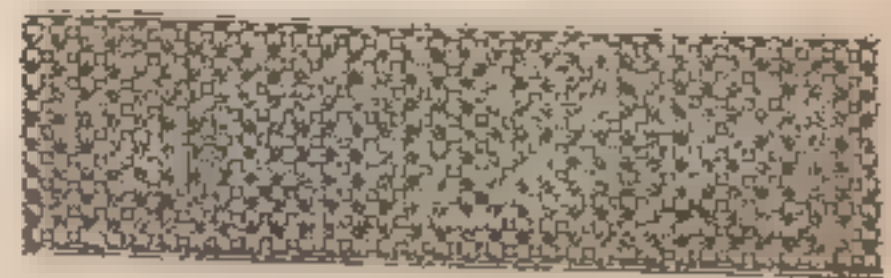
Nº 371



Nº 1007



Nº 870



Nº 45



Nº 21



Nº 45



Nº 075



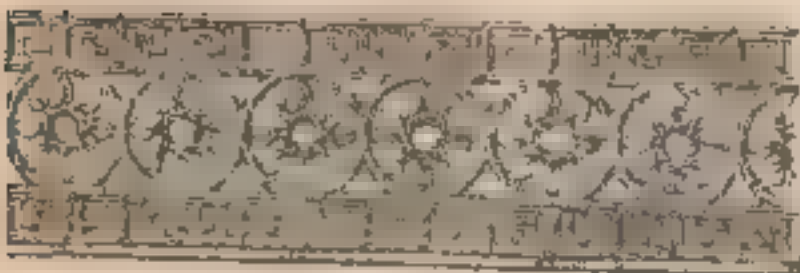
Nº 224



Nº 54



Nº 426



Nº 866

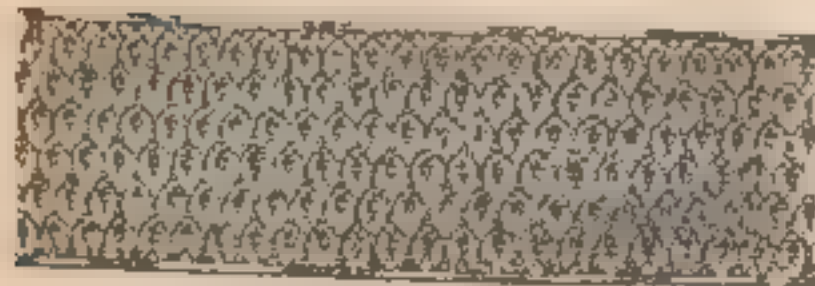


Nº 83



1 FACE

Nº 837



Nº 57



Nº 257

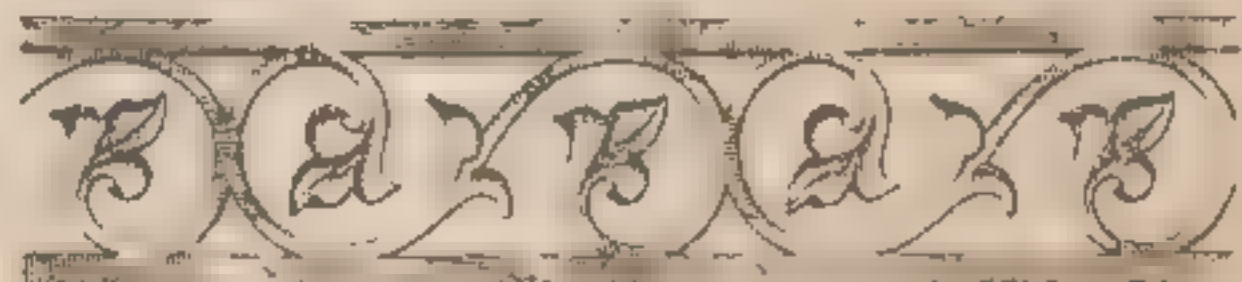


AND 2 FACES

Nº 154



Nº 981



Nº 179



Nº 247



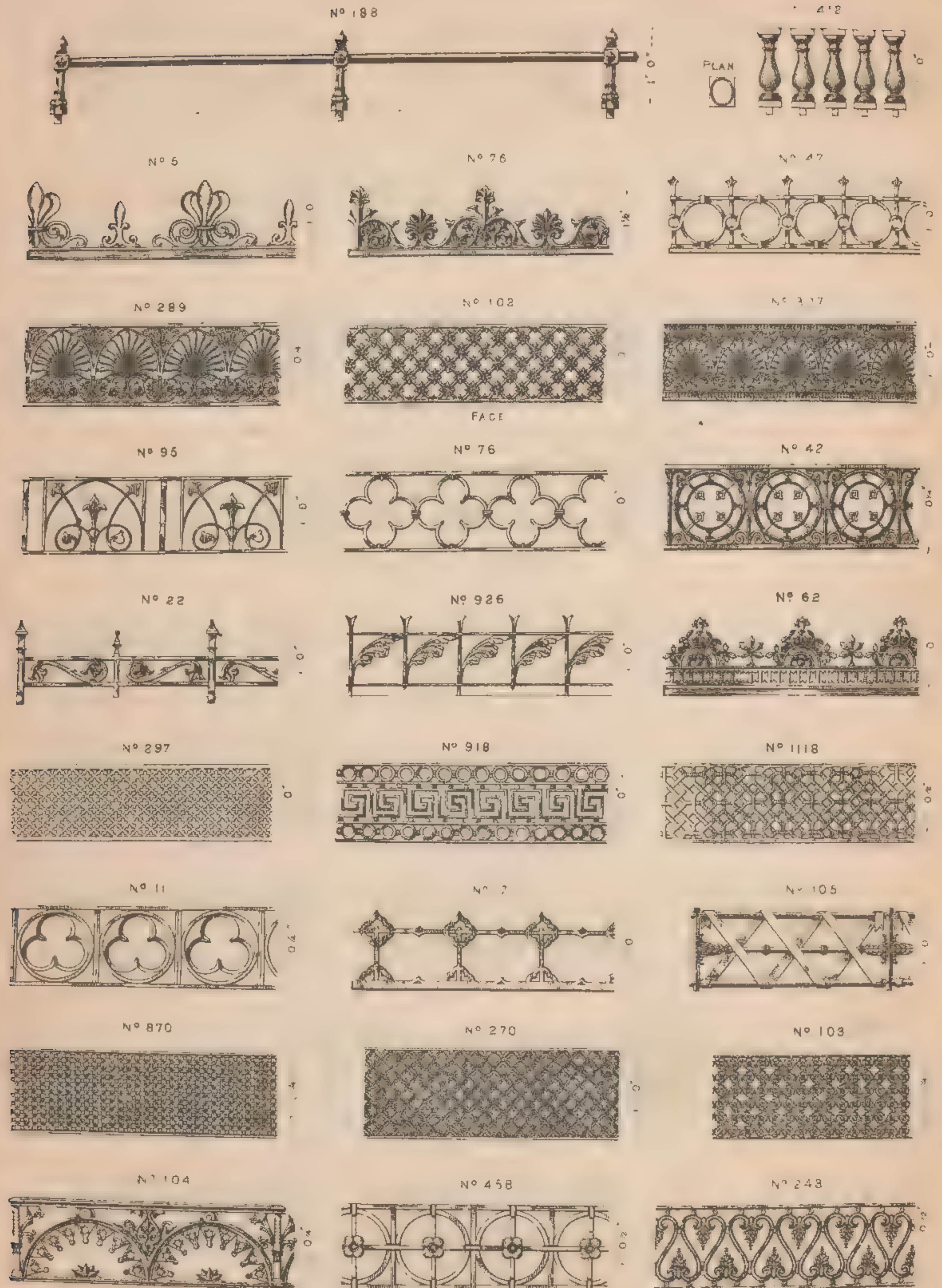
Nº 226



FACE

SCALE





MACFARLANE'S CASTINGS — RAILING

N° 897



N° 32



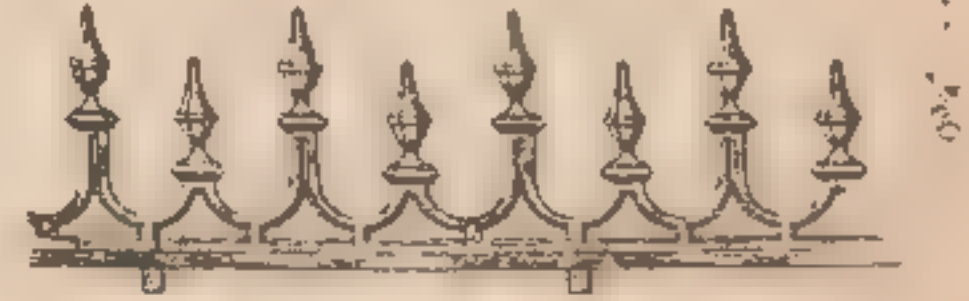
N° 983



N° 264



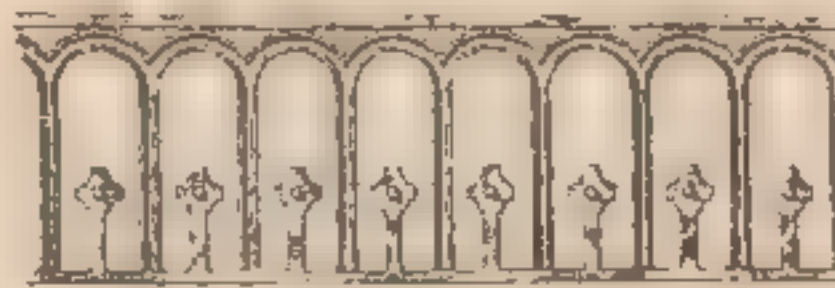
N° 256



N° 253



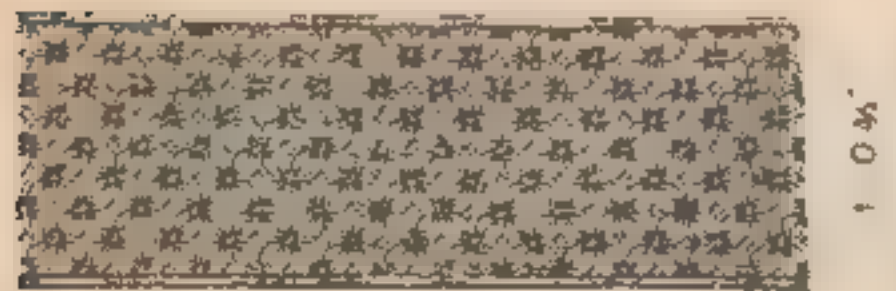
N° 127



N° 172



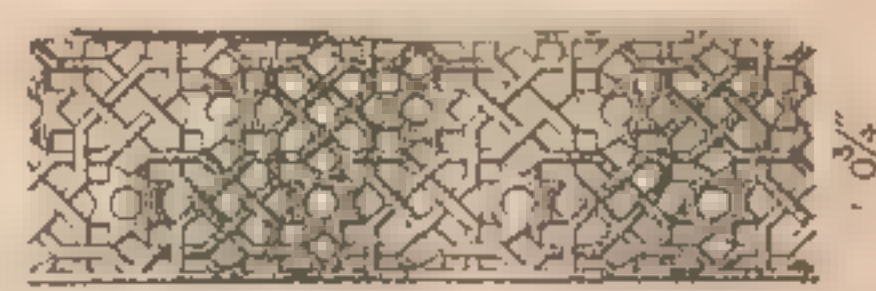
N° 992



N° 890



N° 1117



N° 13



N° 83



N° 241



N° 232



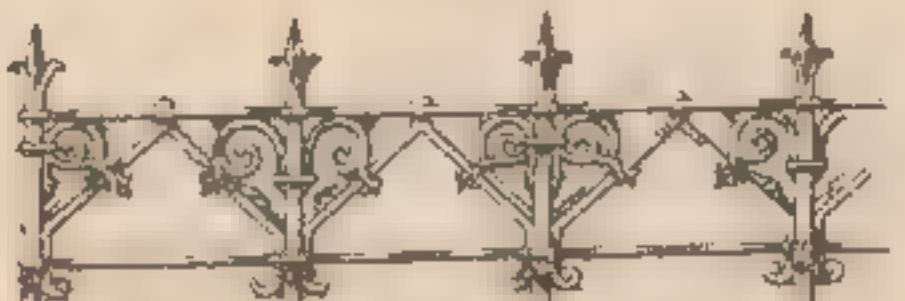
N° 927



N° 34



N° 763



N° 8



N° 3



N° 44



N° 8



N° 163



N° 246



N° 61

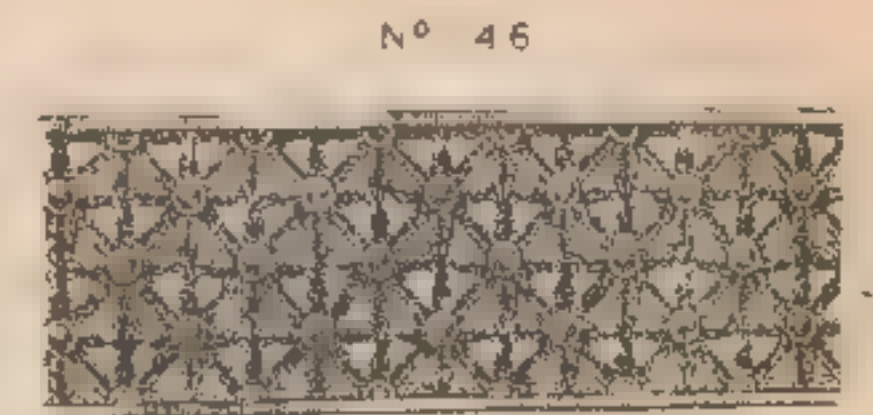
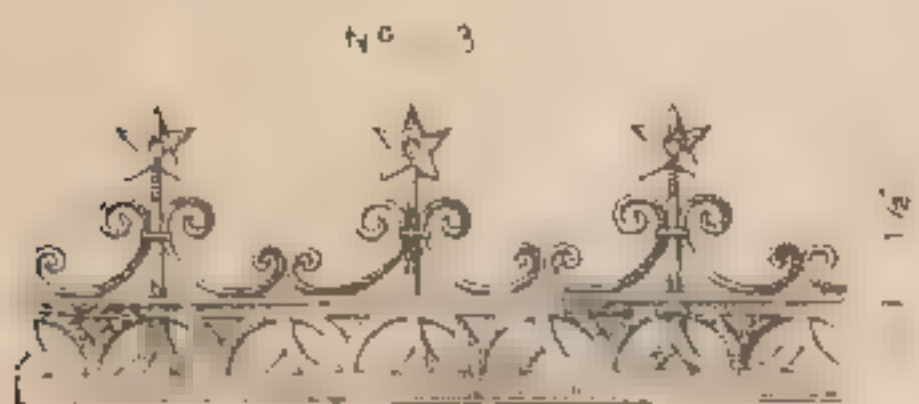
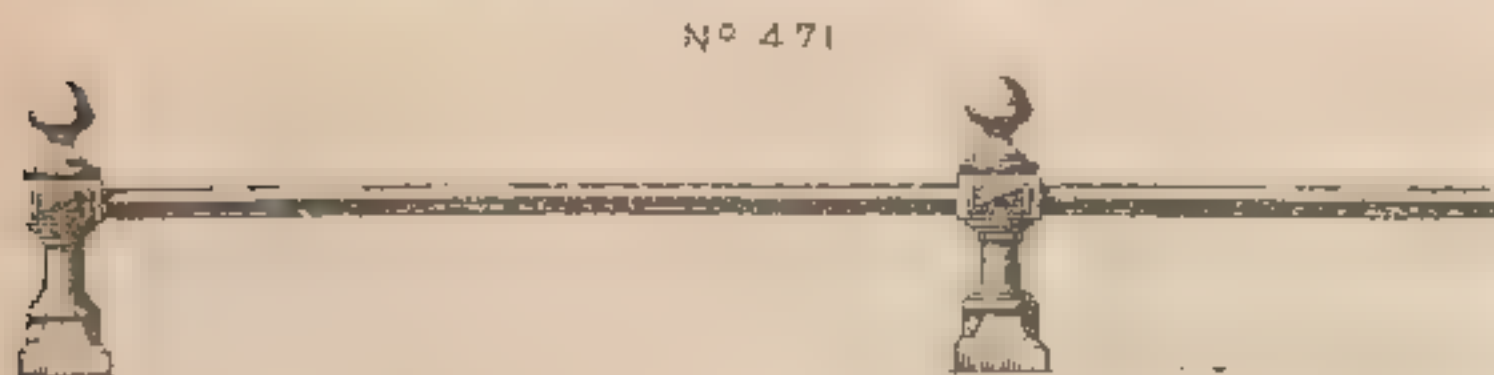
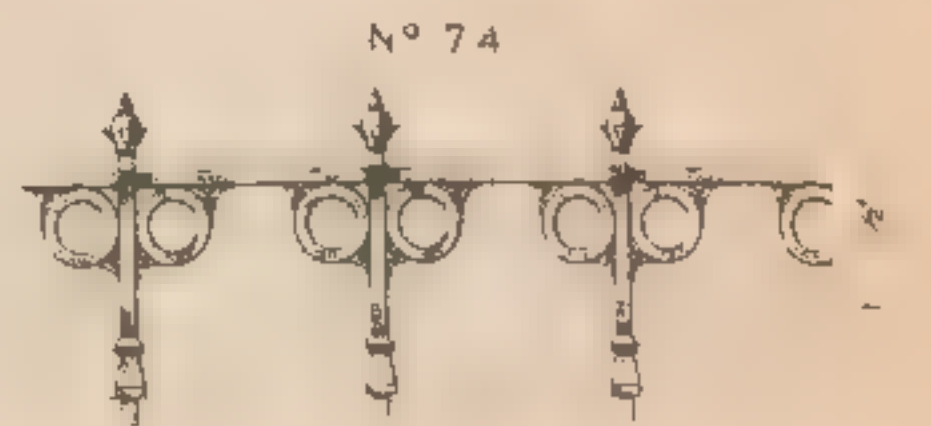
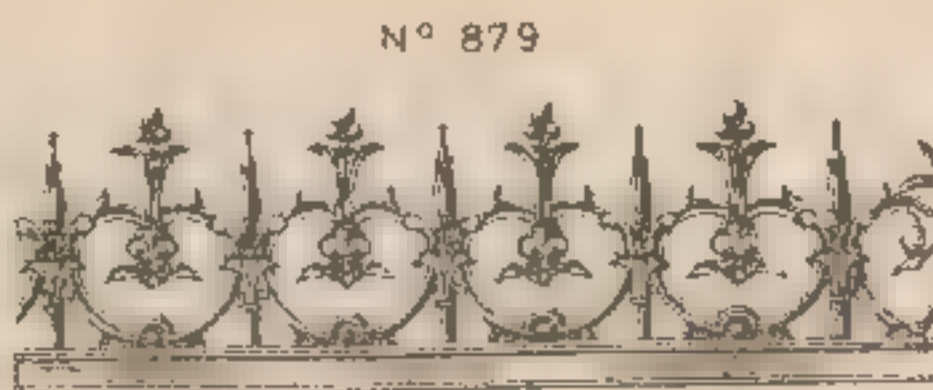
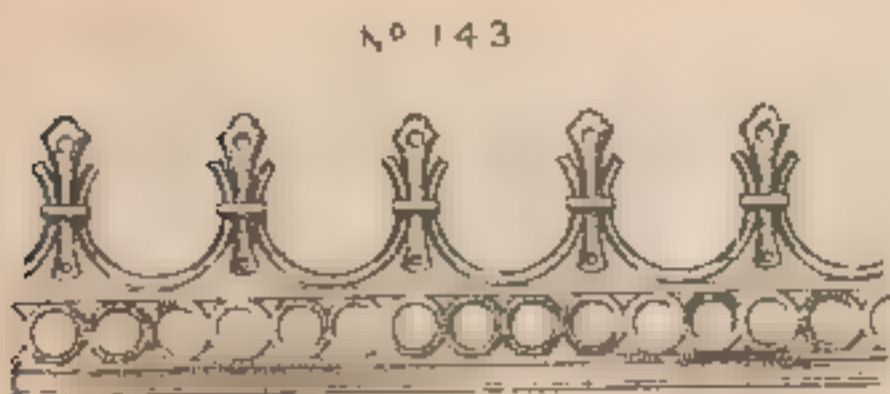
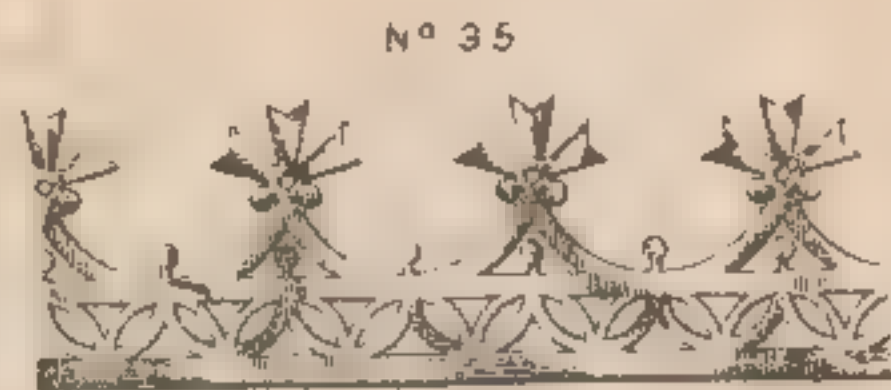


For large Leaf Ornament and Standards see page 245

1 FACE

SCALE

4 FEET



MACFARLANE'S CASTINGS — RAILING

N° 796



N° 54



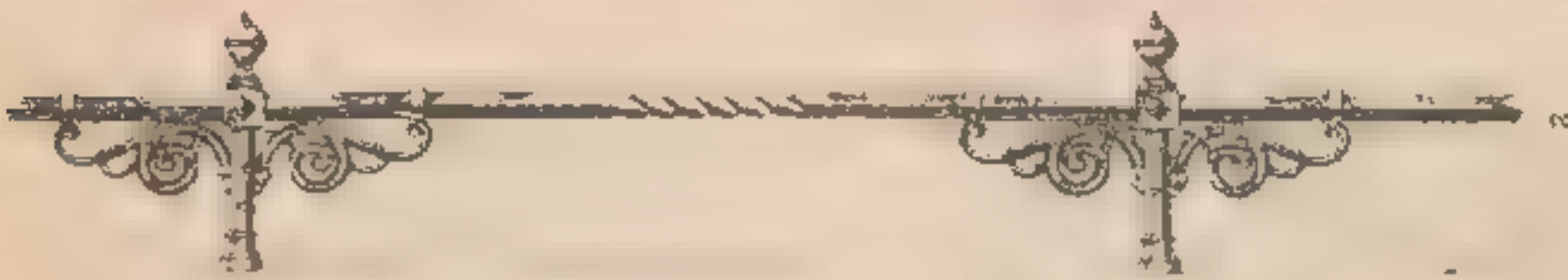
N° 441



N° 373



N° 782



N° 5



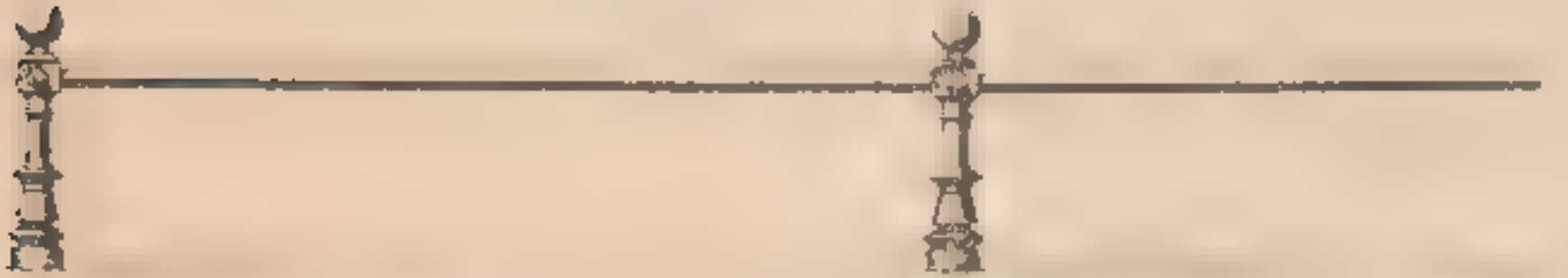
N° 935



N° 52



N° 427



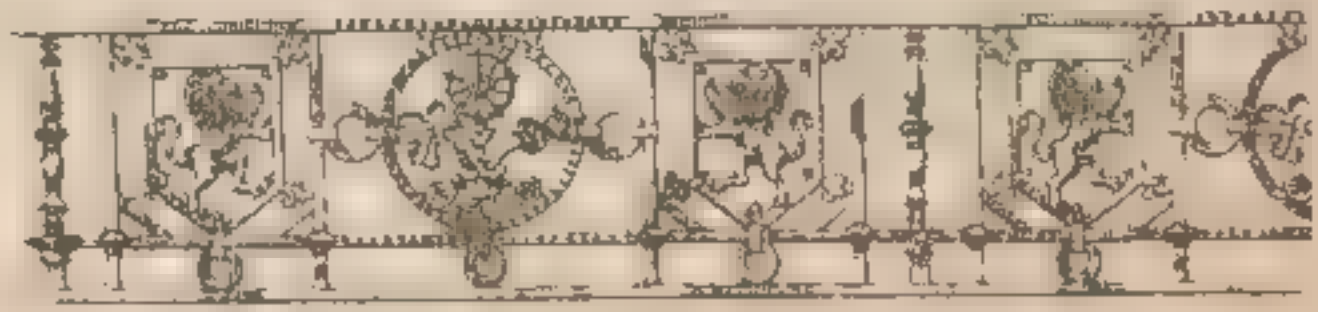
N° 31



N° 441



N° 124

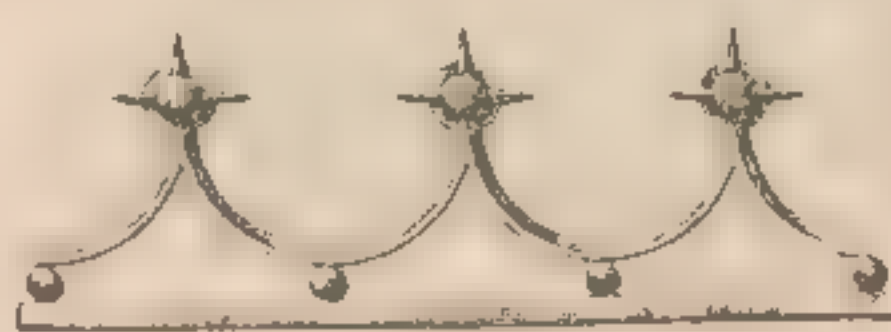


1 FACE

N° 6



N° 442



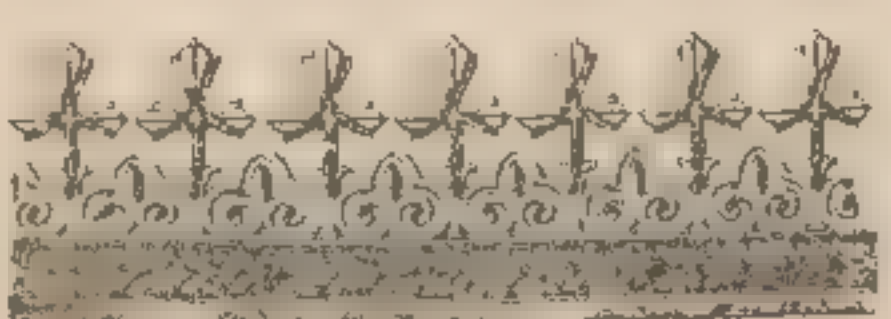
N° 4



N° 68



N° 87



N° 281



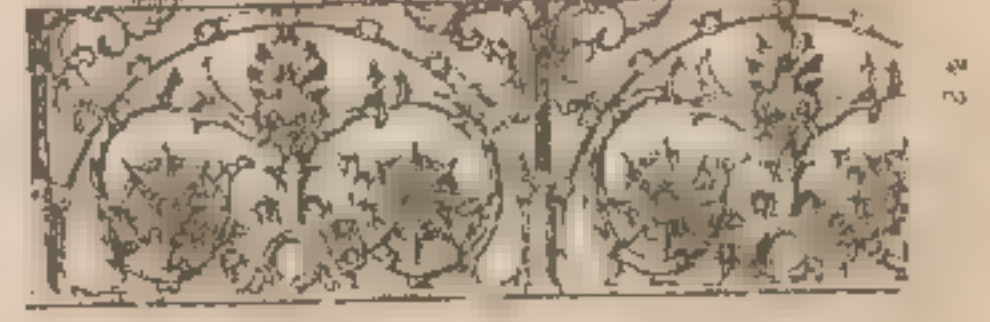
N° 44



N° 16



N° 68



Nº 056



Nº 832



Nº 412



Nº 398

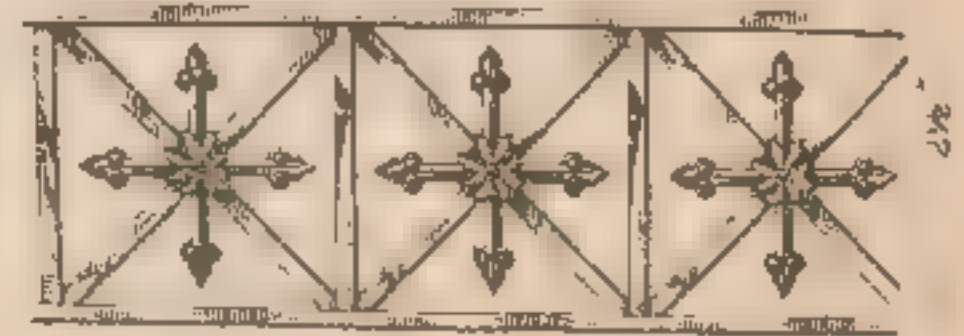


FACE

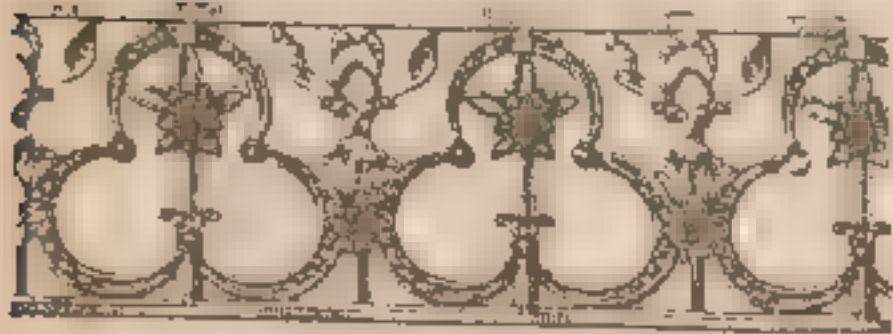
Nº 40



Nº 214



Nº 7



Nº 337



Nº 57



Nº 76



Nº 945



Nº 66



Nº 256



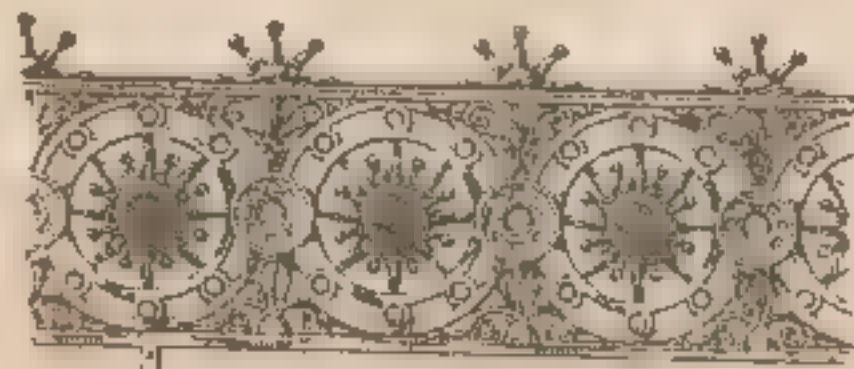
Nº 45



Nº 57



Nº 183



Nº 879



Nº 109

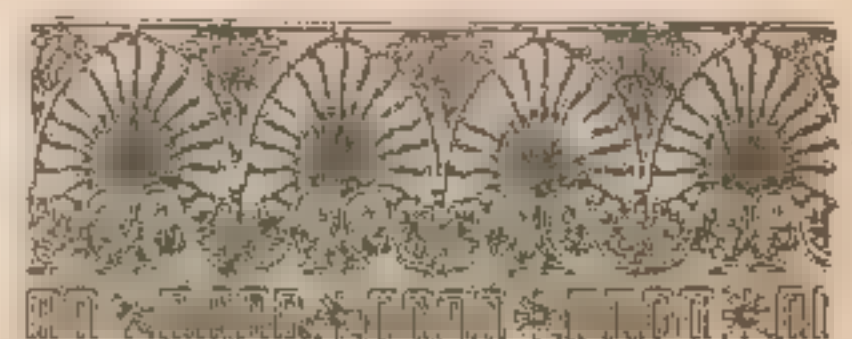


FACE

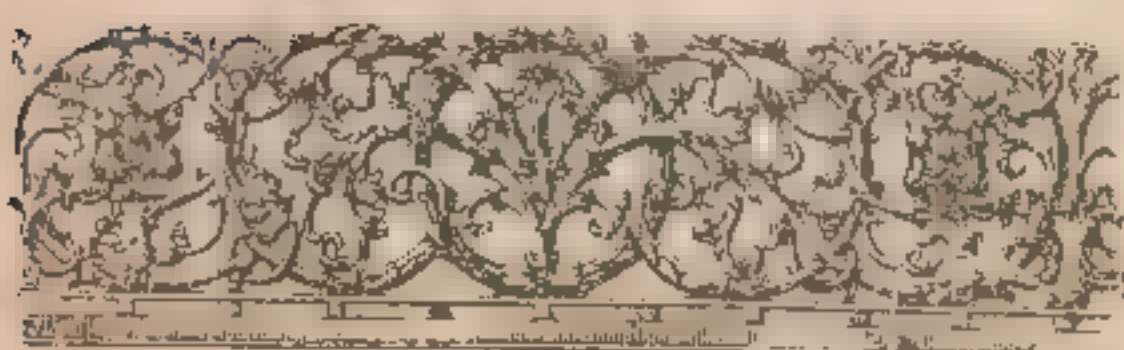
Nº 437



Nº 269



Nº 33



Nº 364



Nº 219



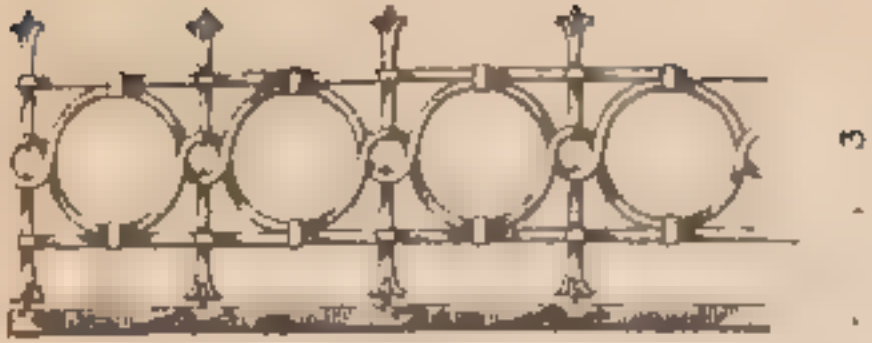
SCALE

SECTION
2 FACES

SECTION
1 FACE

MACFARLANE'S CASTINGS — RAILING

Nº 47



Nº 98



Nº 18



Nº 893



Nº 104



Nº 281



Nº 89



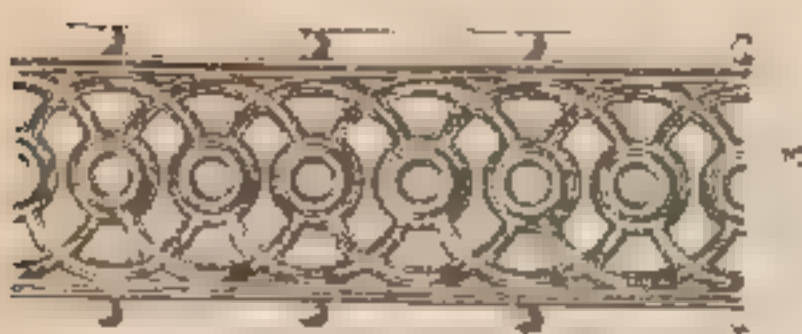
Nº 57



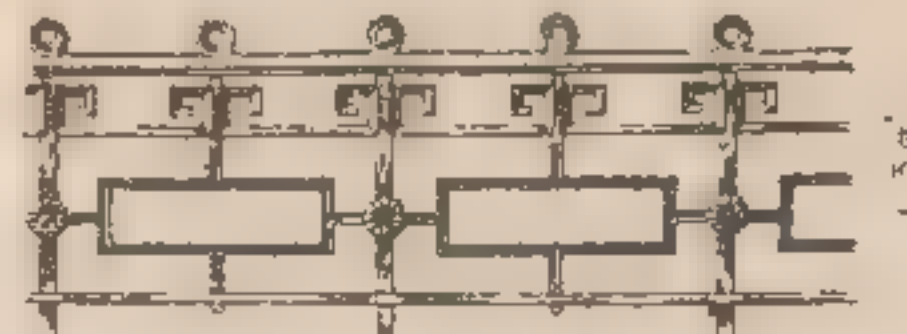
Nº 52



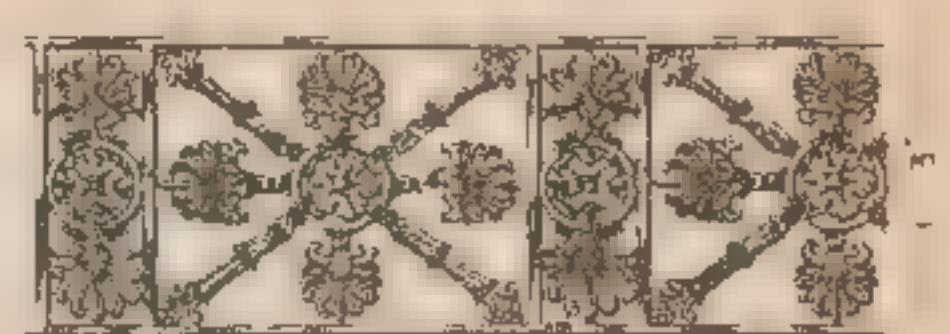
Nº 40



Nº 922



Nº 24



FACE

Nº 293



Nº 43

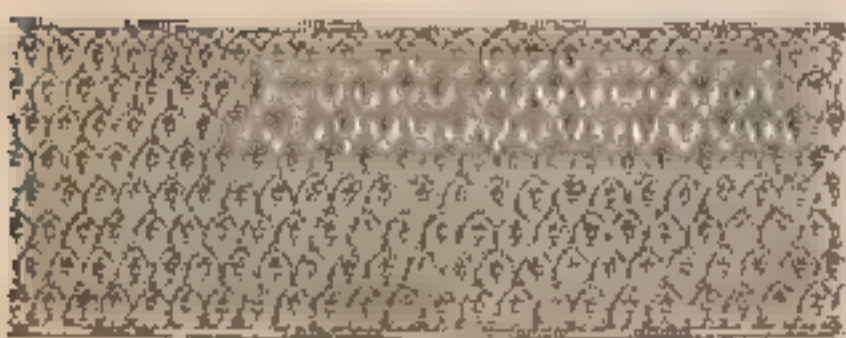


Nº 46

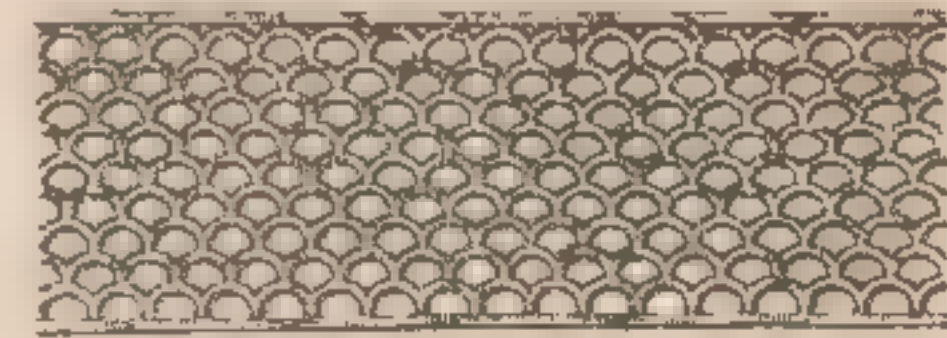


FACE

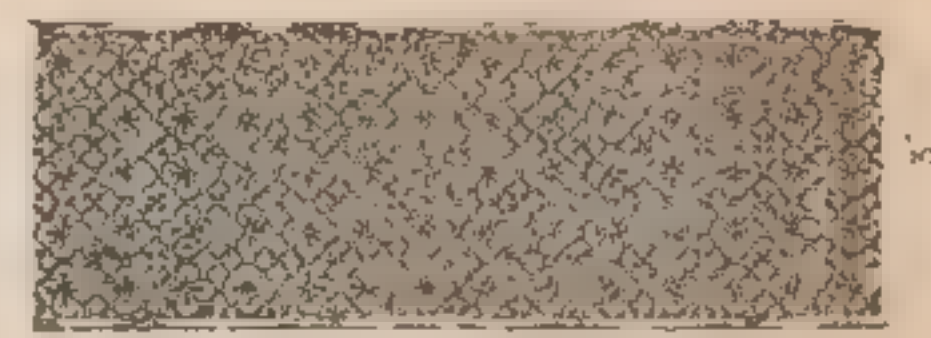
Nº 37



Nº 257



Nº 890



AND 2 FACES

Nº 273



Nº 066



Nº 308



Nº 389



Nº 078



Nº 992



Nº 901



Nº 897



Nº 65



Nº 9



Nº 10



Nº 907



Nº 232



Nº 1075



Nº 36



Nº 83



Nº 798



Nº 153



Nº 895



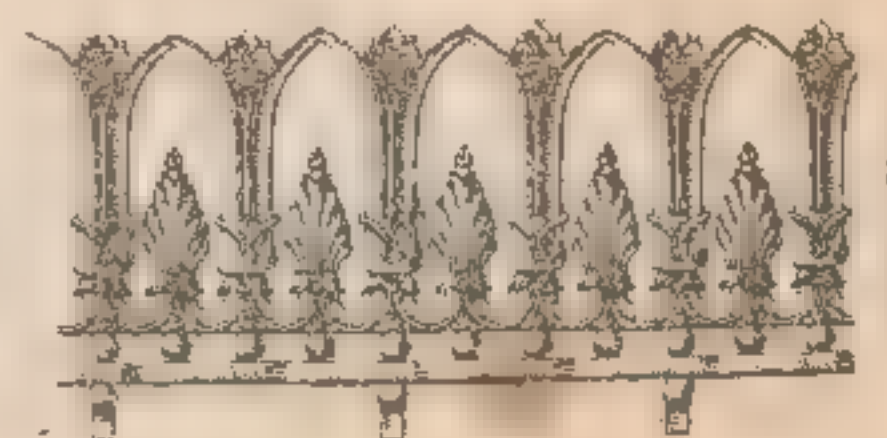
Nº 24



Nº 5



Nº 273



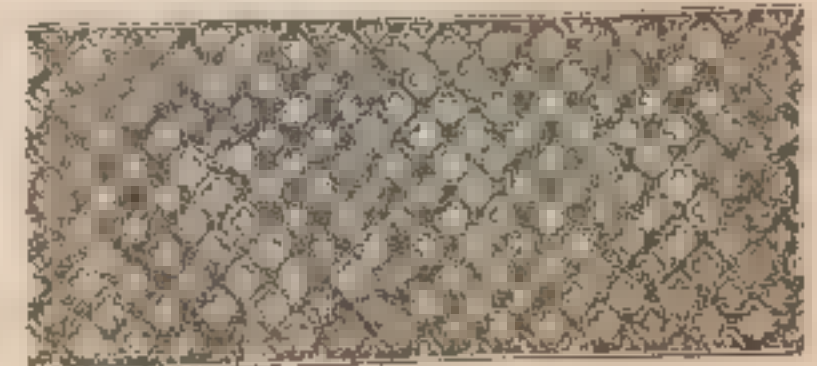
Nº 1078



Nº 994



Nº 270



Nº 310



Nº 48



Nº 242



1 FACE

Nº 1081



Nº 1089



Nº 35



Nº 239



Nº 211



Nº 12



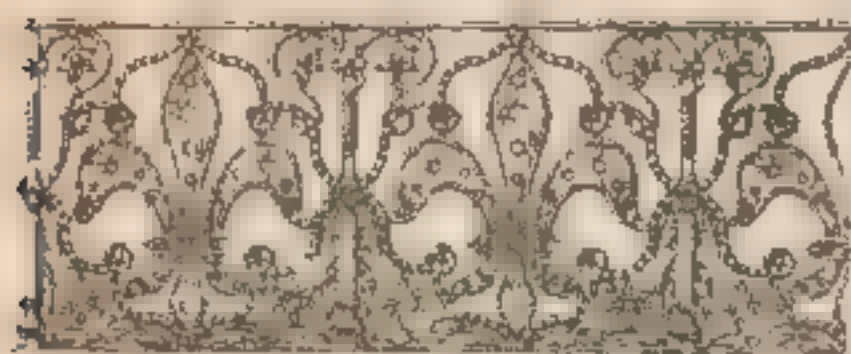
Nº 49



Nº 179



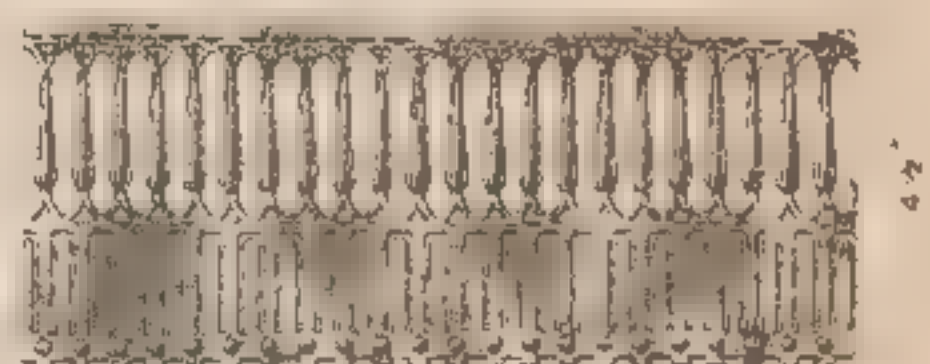
Nº 41



Nº 289



Nº 288



Flat 5' high also curved as section on 1' 4 3/8" high

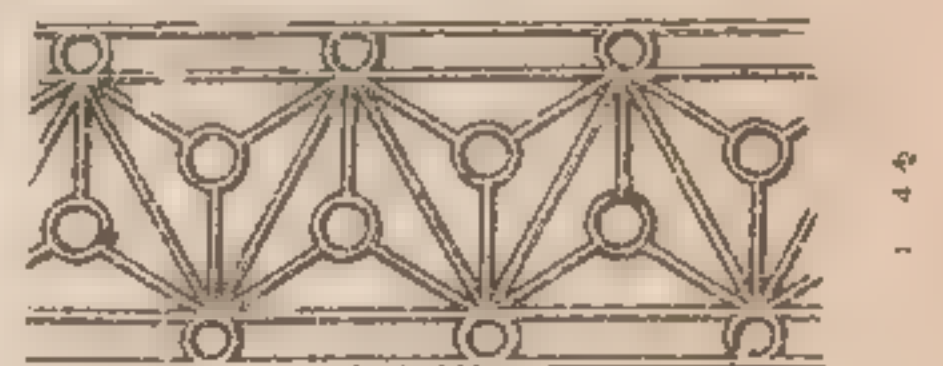
Nº 1070



Nº 184



Nº 408



1 FACE

Nº 163



Nº 04



Nº 239



1 AND 2 FACES

For large Centre Ornament and Standards see page 461

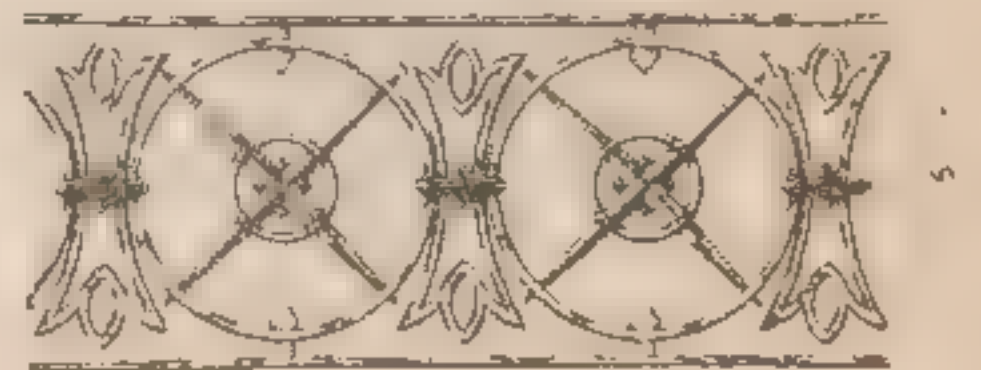
Nº 220



Nº 38



Nº 75



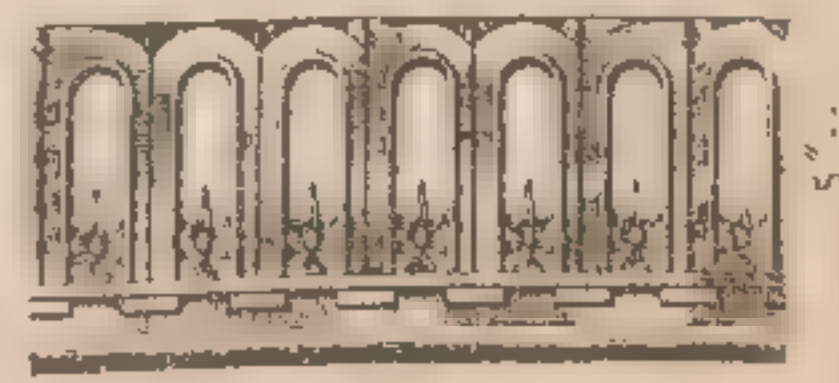
Nº 204



Nº 200



Nº 989

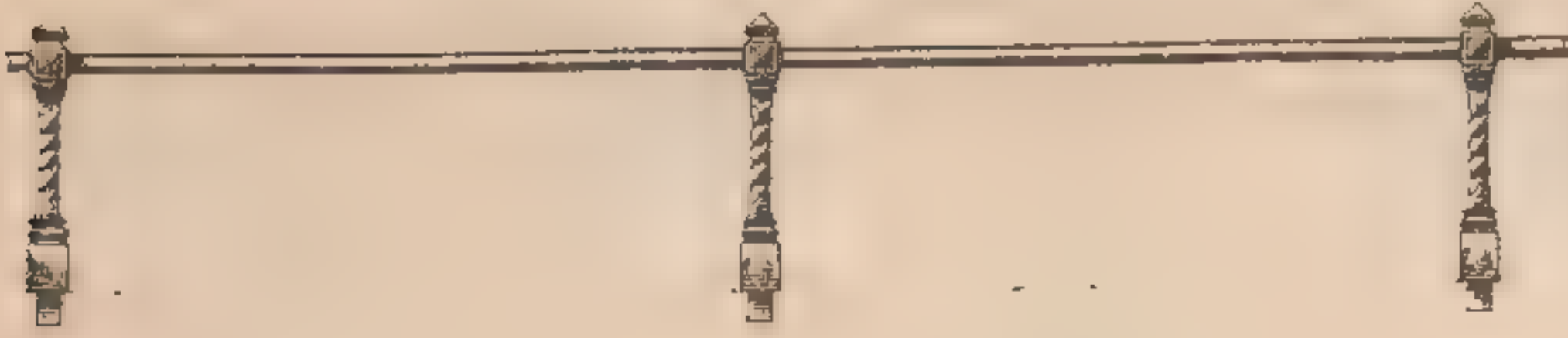


1 FACE

5 CA

4 FEET

Nº 434



Nº 34



Nº 47



Nº 35



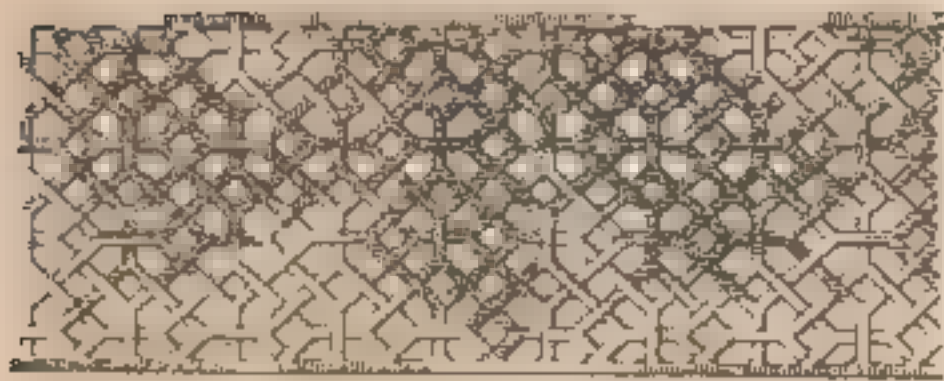
Nº 1056



Nº 145



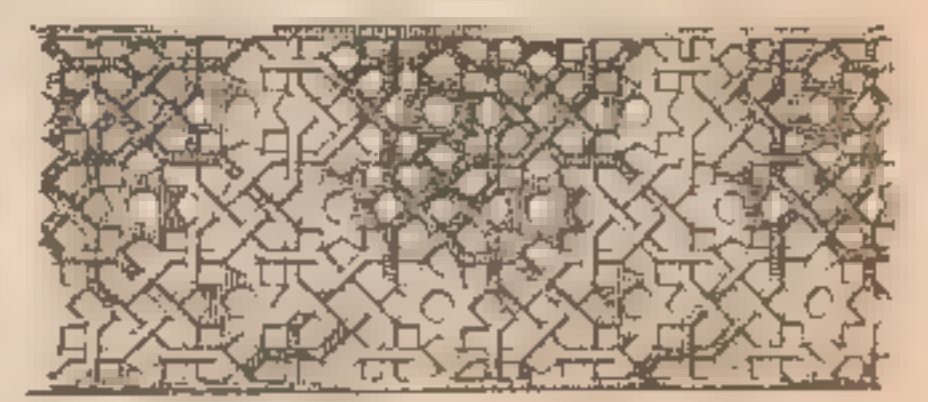
Nº 8



Nº 1110



Nº 7



AND 2 FACES

Nº 762



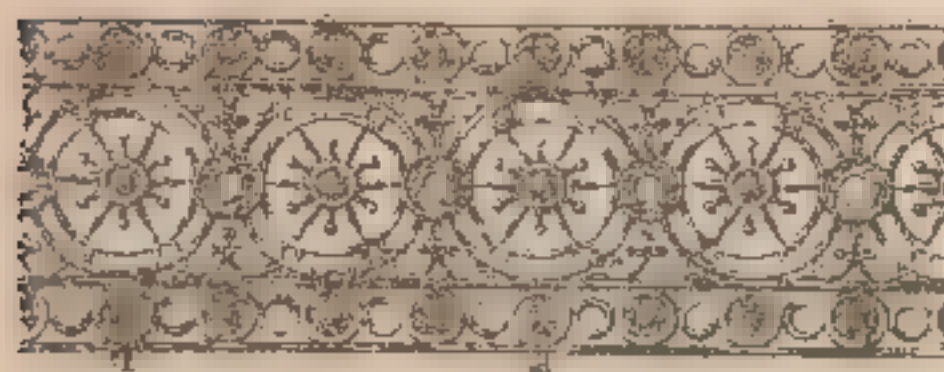
Nº 44



Nº 40



Nº 83



Nº 270



Nº 289



FALL

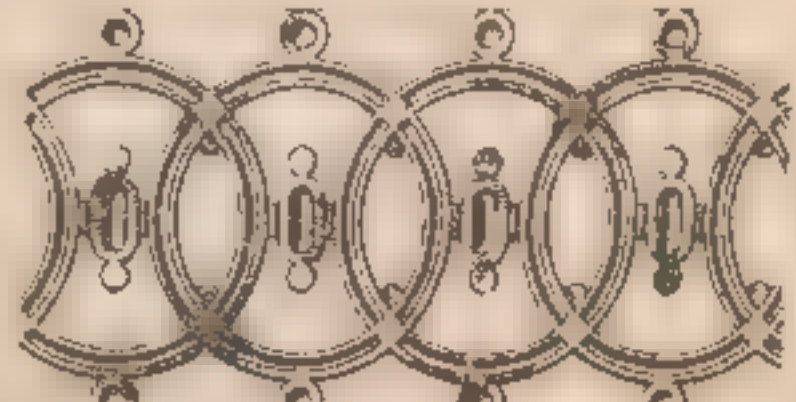
Nº 4



Nº 404



Nº 985



Nº 42



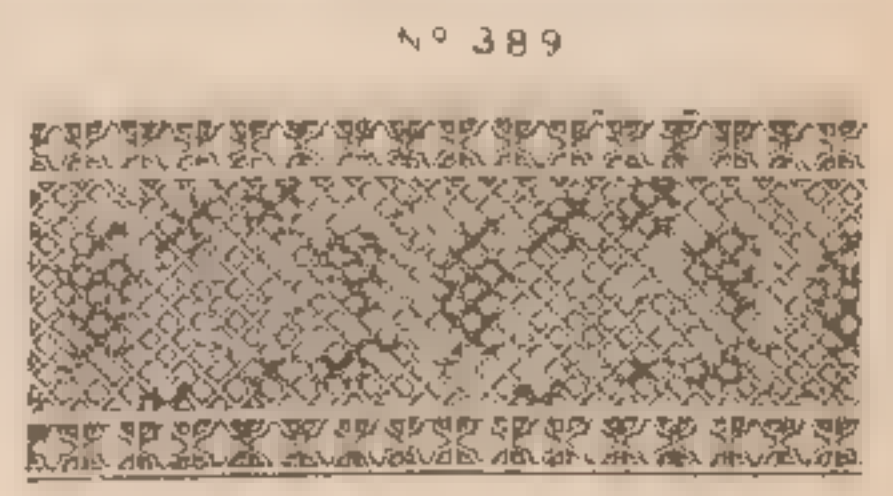
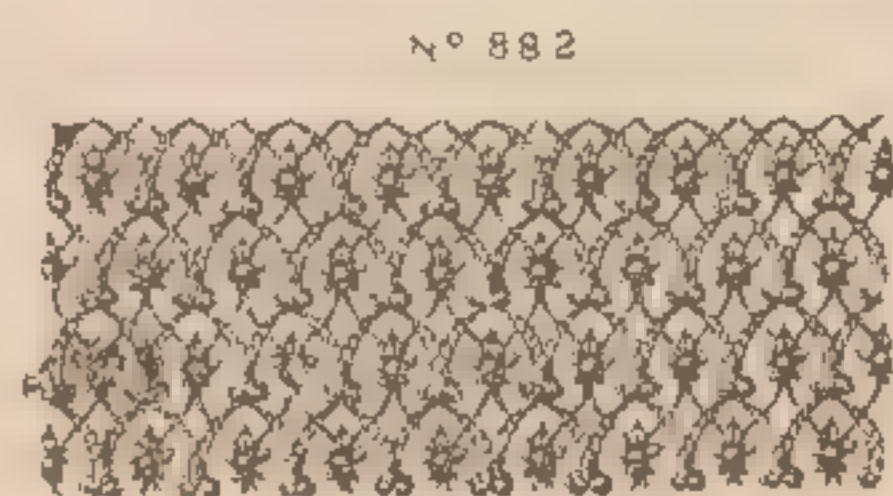
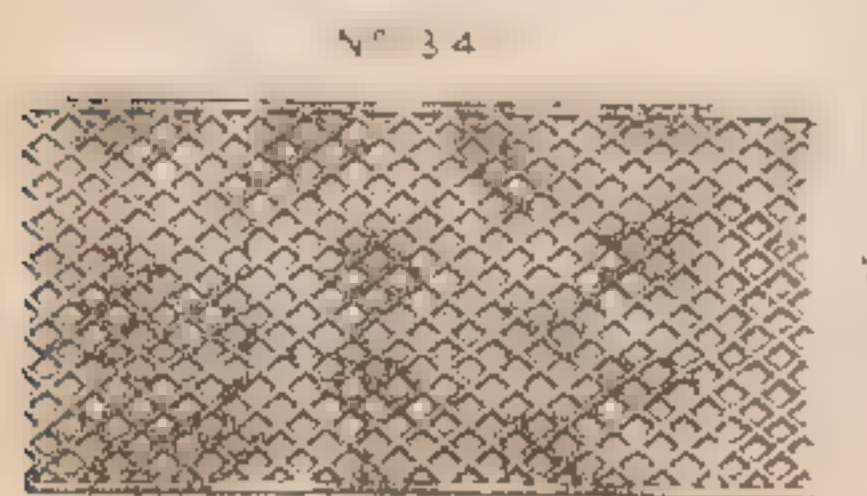
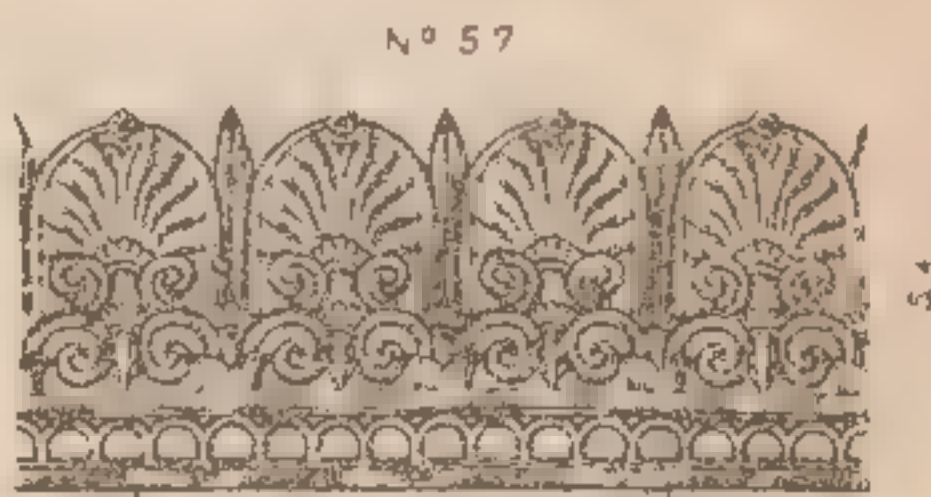
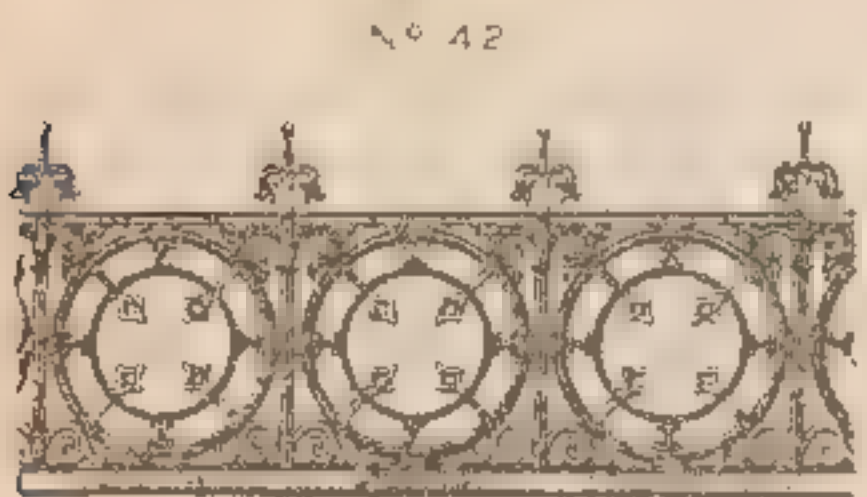
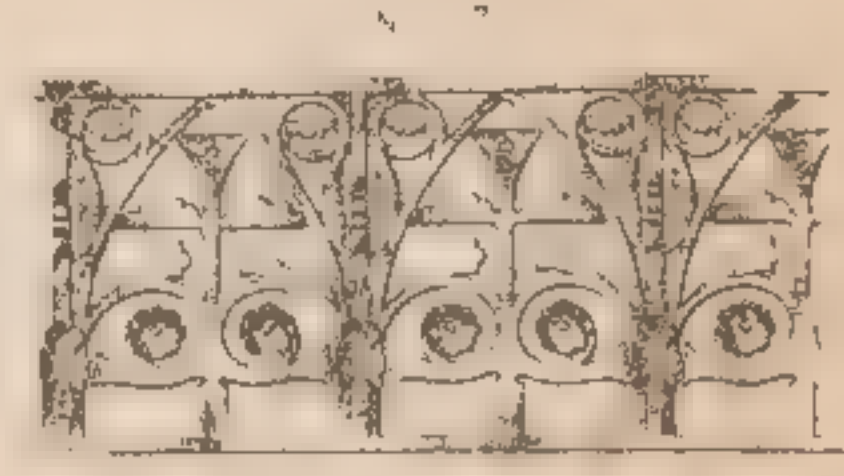
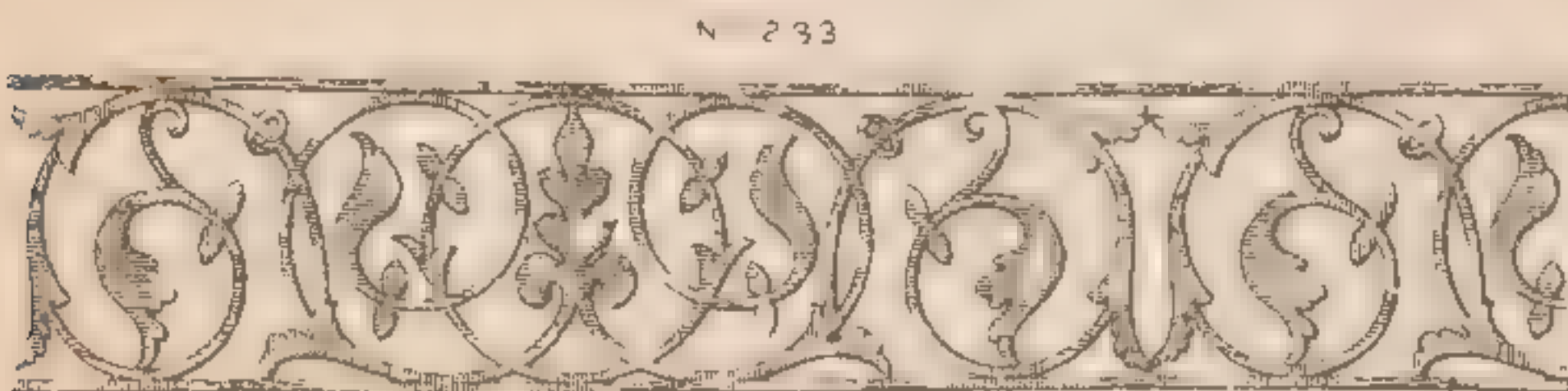
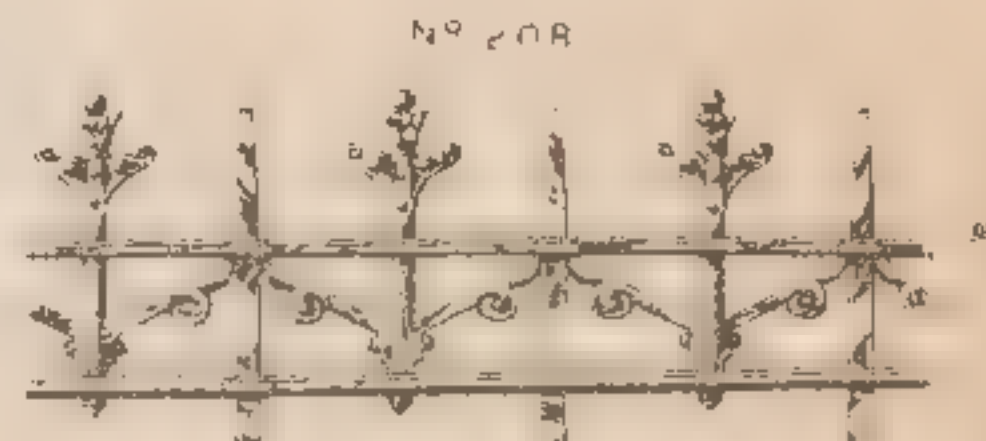
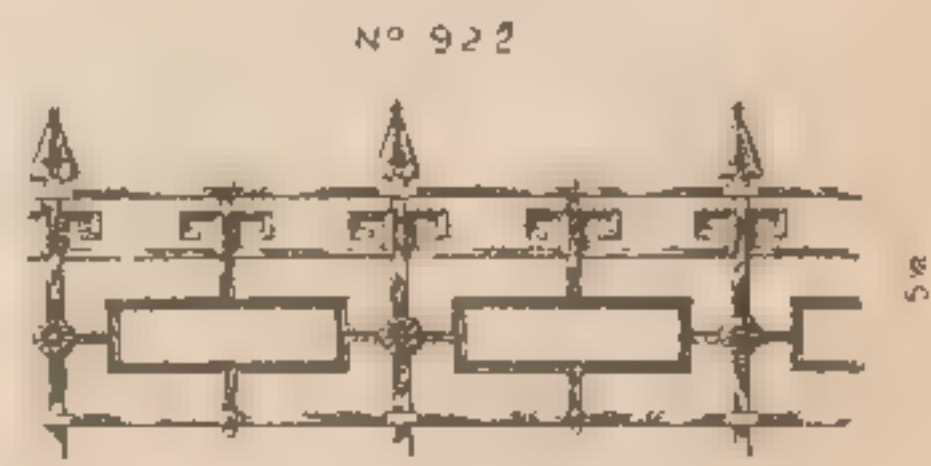
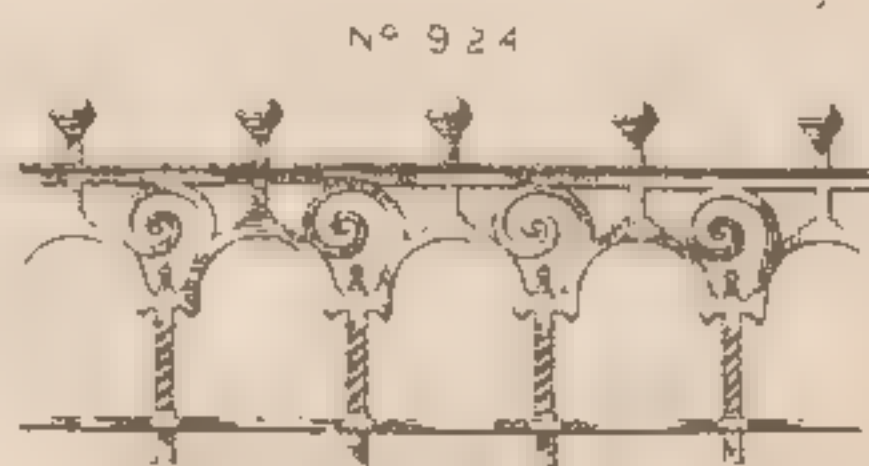
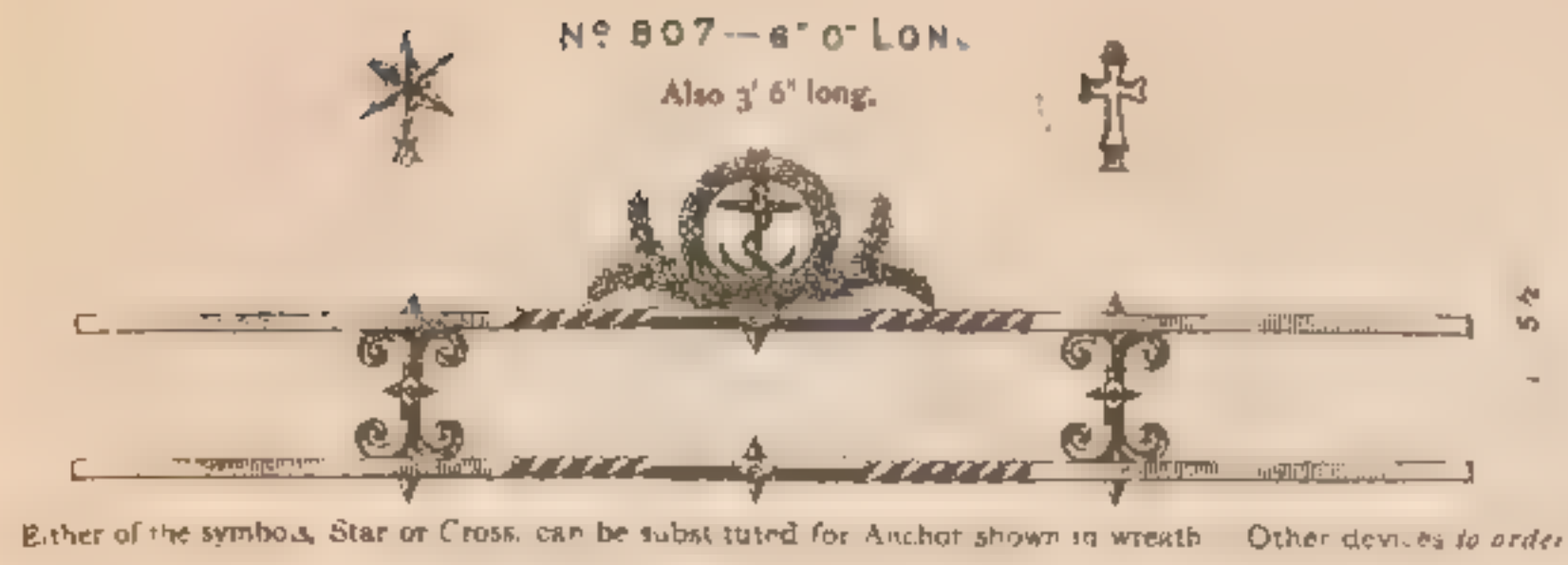
SCALE

2

3

4 FEET

MACFARLANE'S CASTINGS — RAIL'NG



Any size to order.

SCALE

4 FEET

Nº 88



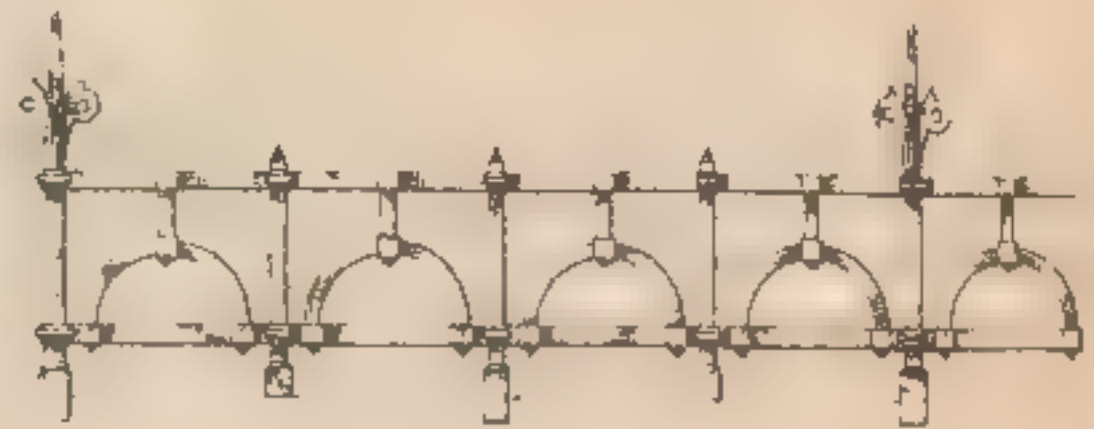
Nº 832



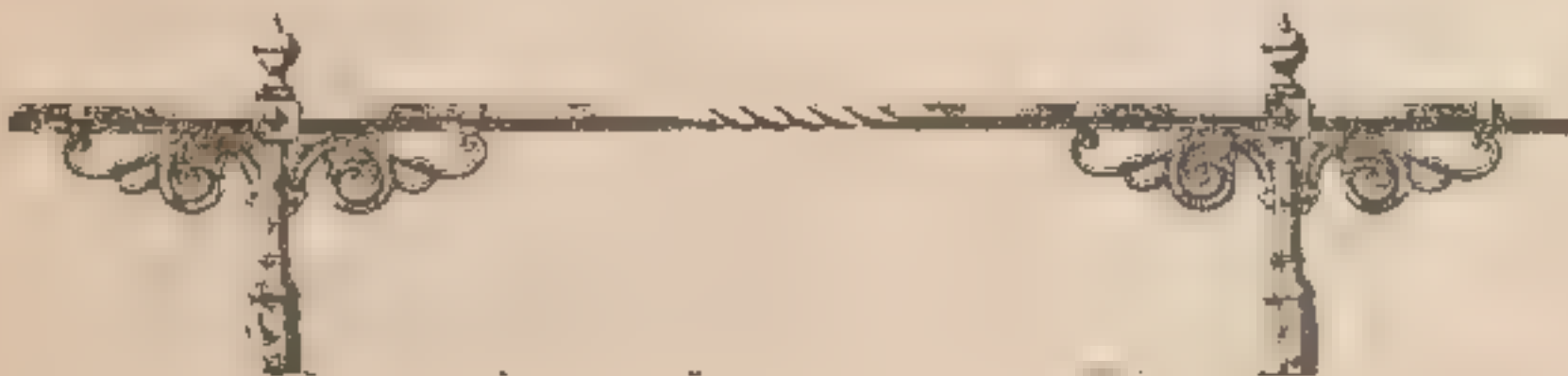
Nº 909



Nº 276



Nº 782



Nº 30



Nº 34



Nº 27



Nº 232



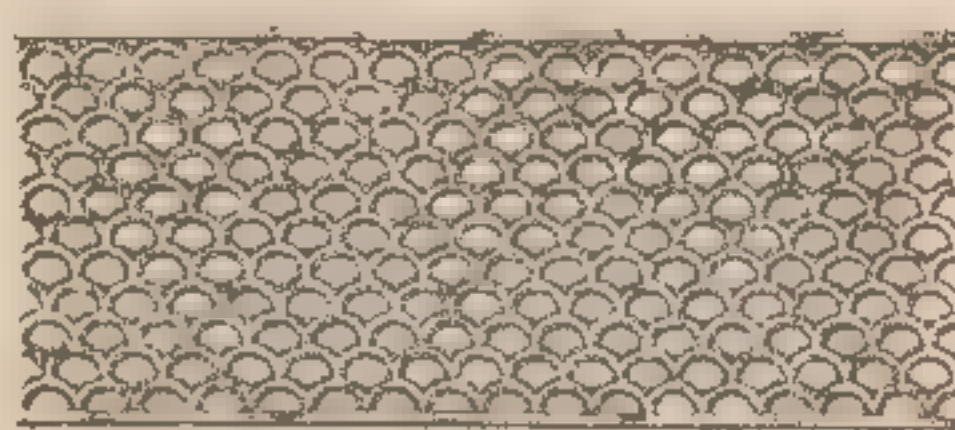
Nº 435



Nº 57 with No. 8 Handrail



Nº 257



Nº 17



Nº 26 4 2 1/2" between centres.



Nº 204



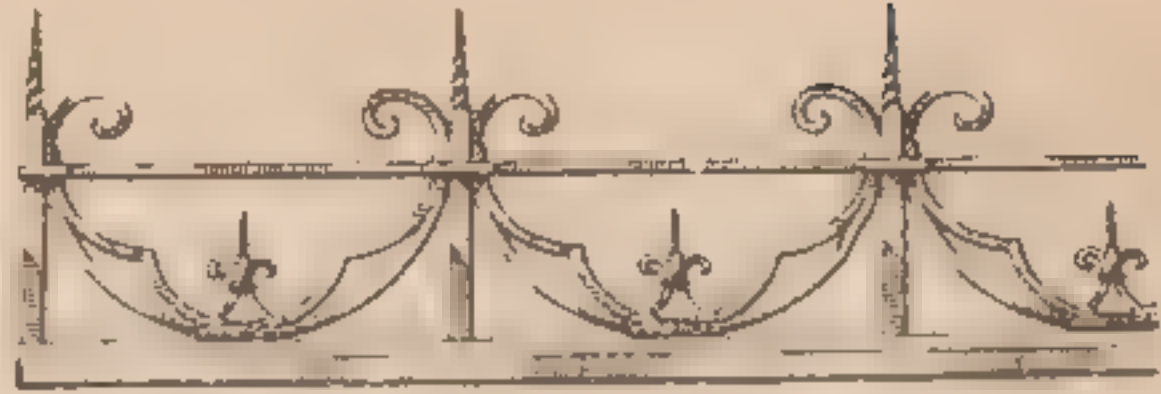
FACE

MACFARLANE'S CASTINGS — RAILING

Nº 427



Nº 100



Nº 935



Nº 70



Nº 1059



Nº 68



Nº 1077



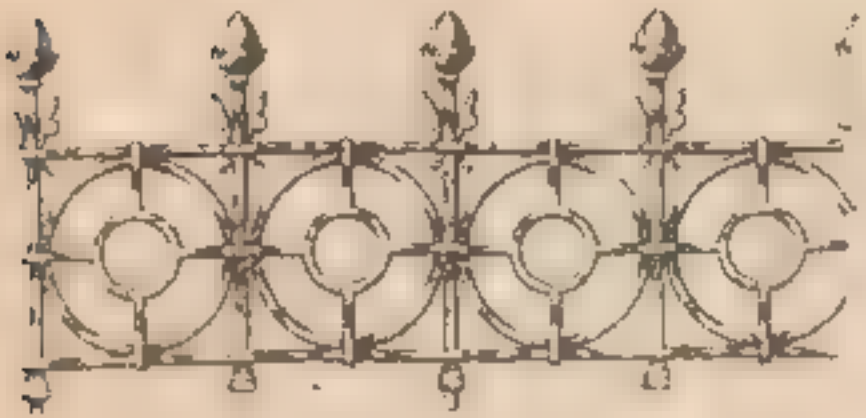
Nº 89



Nº 969



Nº 8



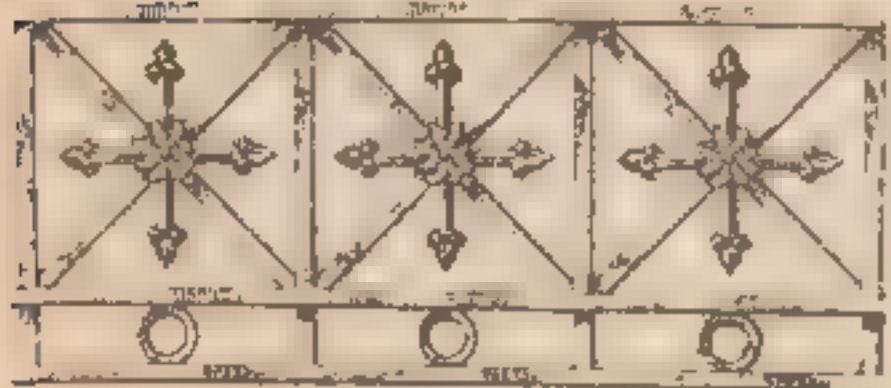
Nº 468



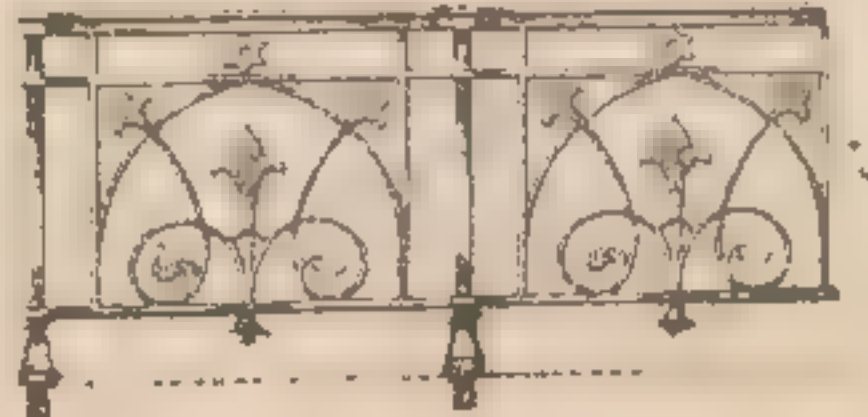
Nº 66



Nº 214



Nº 95



Nº 45



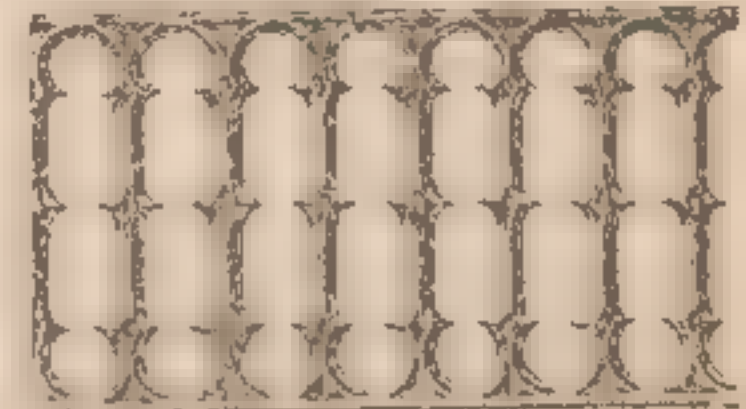
Nº 40



Nº 163



Nº 28



Also with large Centre Ornament and Standards see page 194

SCALE

2

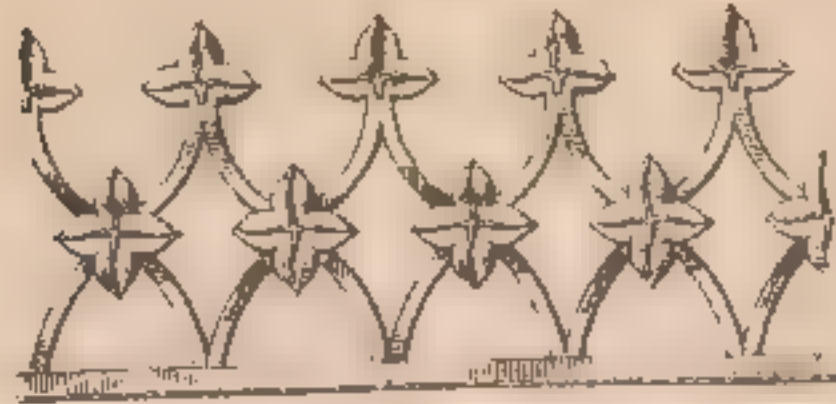
3

4 FEET

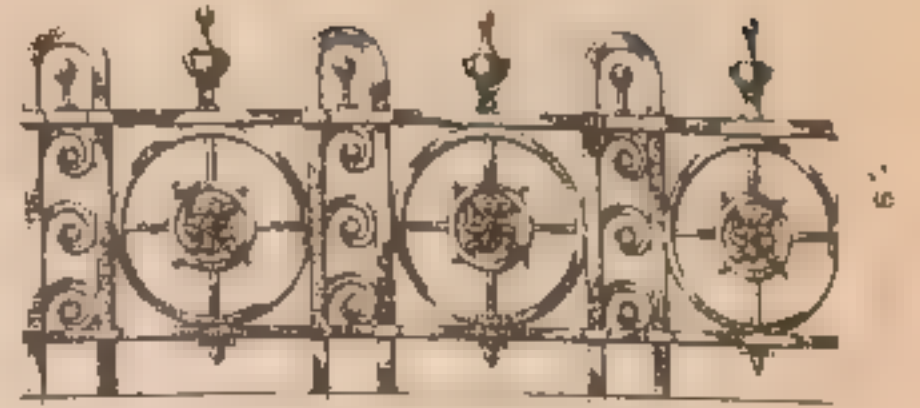
Nº 28



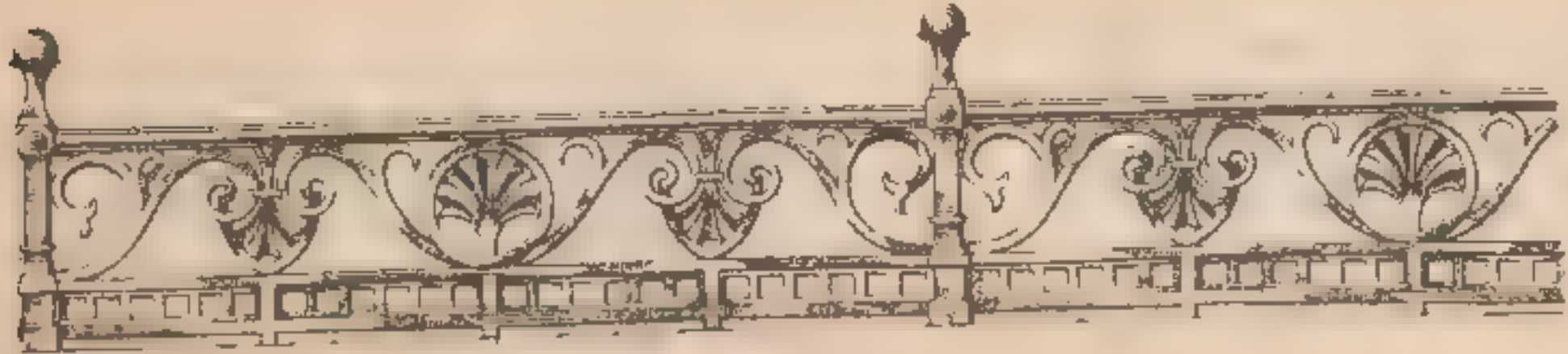
Nº 165



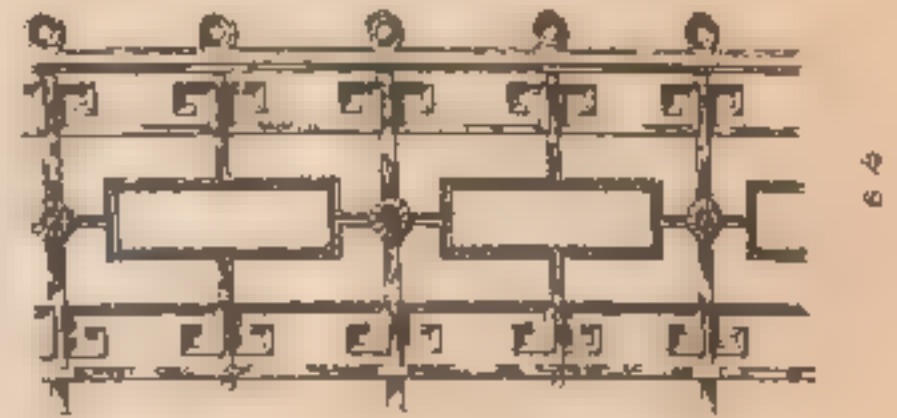
Nº 894



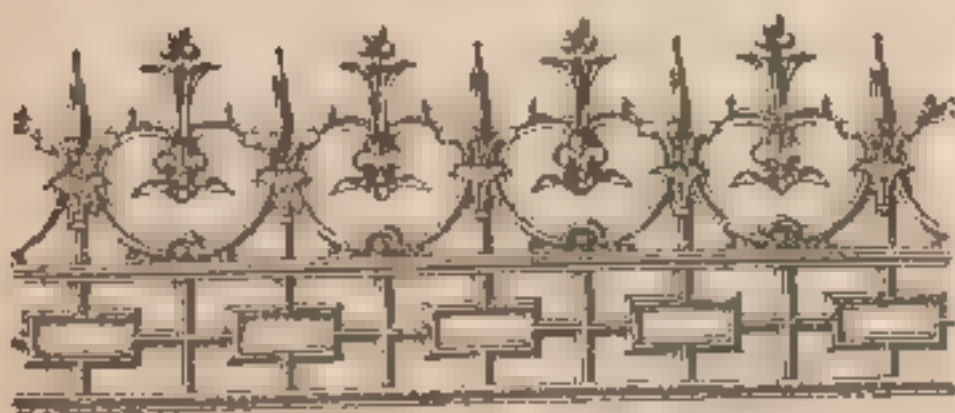
Nº 927



Nº 922



Nº 879



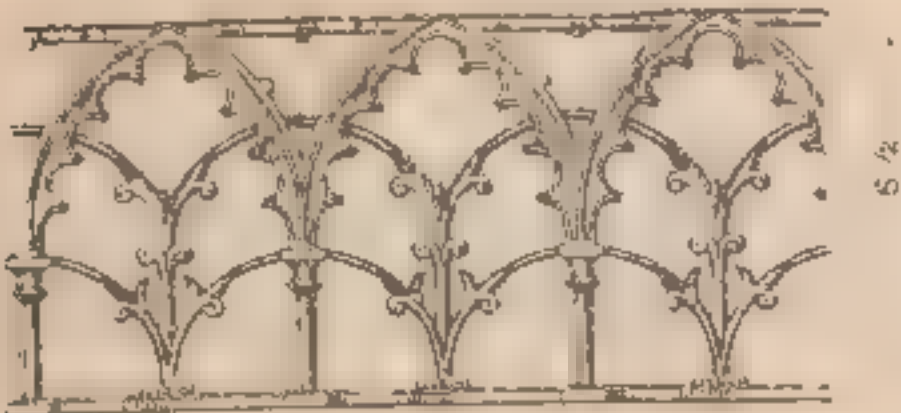
Nº 884



Nº 032



Nº 52



Nº 6



Nº 40



Nº 290



Nº 007



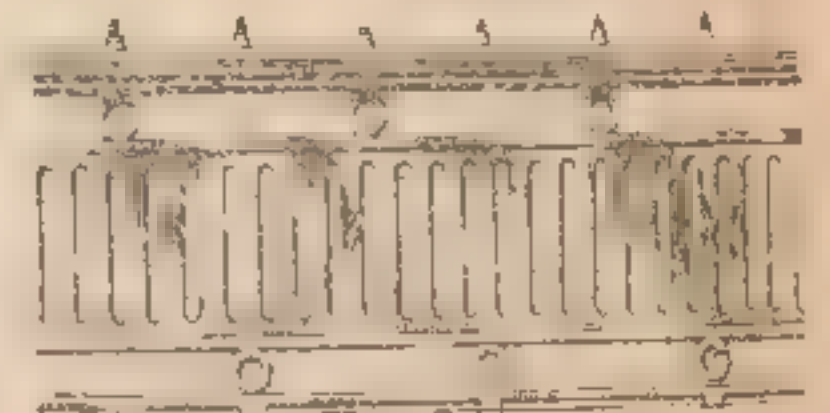
Nº 3



Nº 281



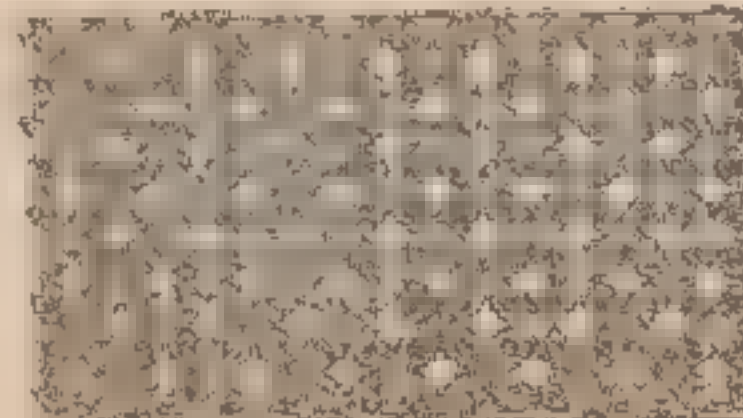
Nº 53



Nº 882



Nº 03



Nº 09



FACE

SCALE

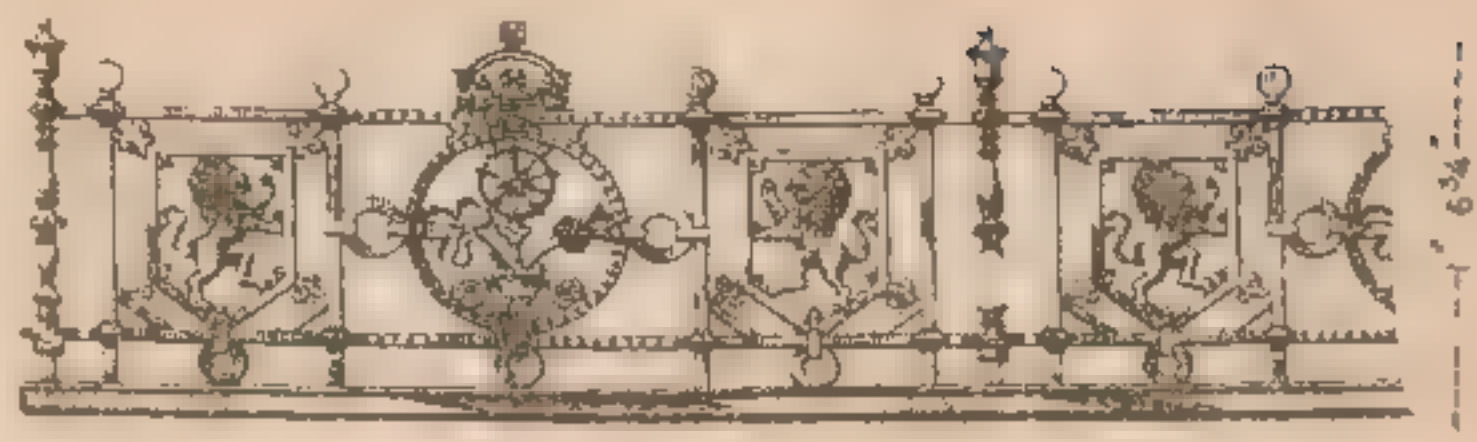
1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

Nº 145



Nº 24

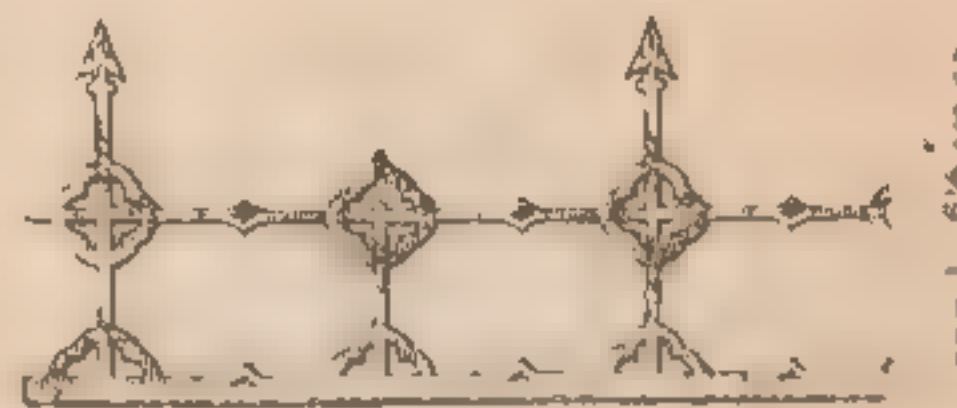


FACE

Nº 282



Nº 3



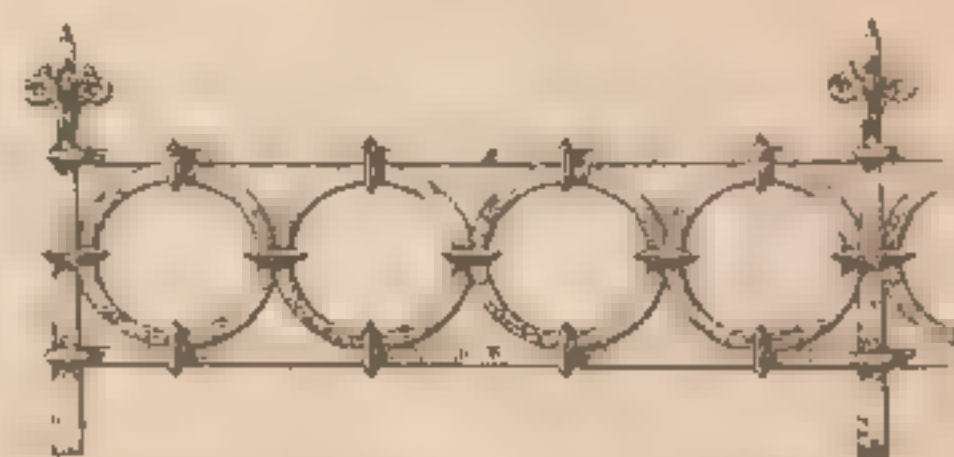
Nº 95.



Nº 37



Nº 36



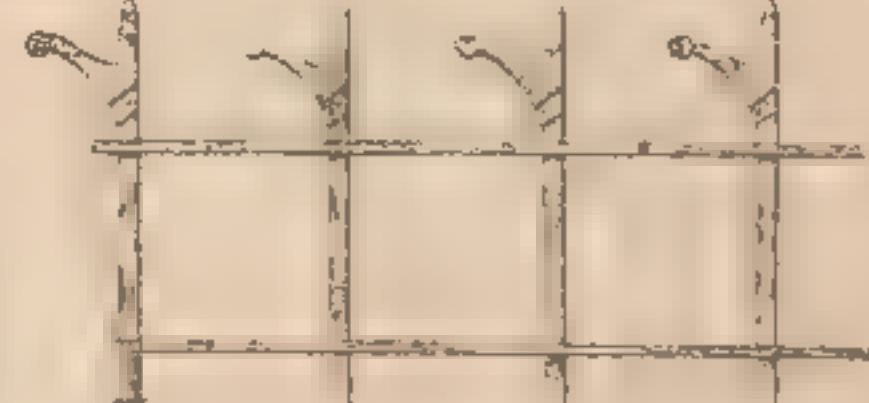
Nº 99



Nº 947



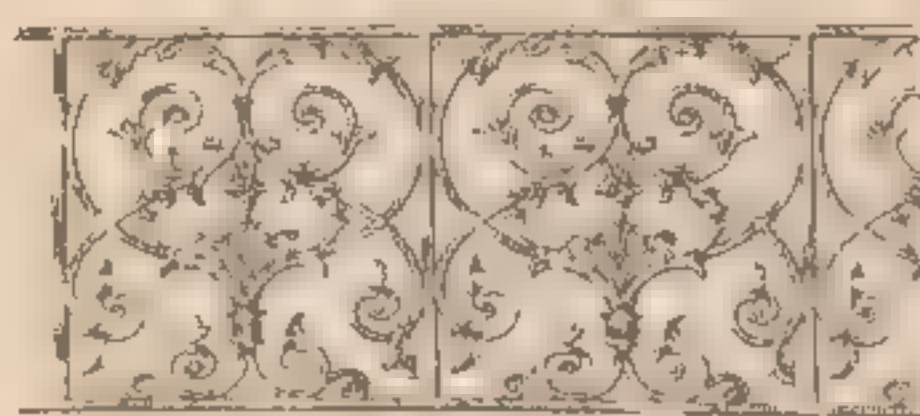
Nº 928



Nº 6



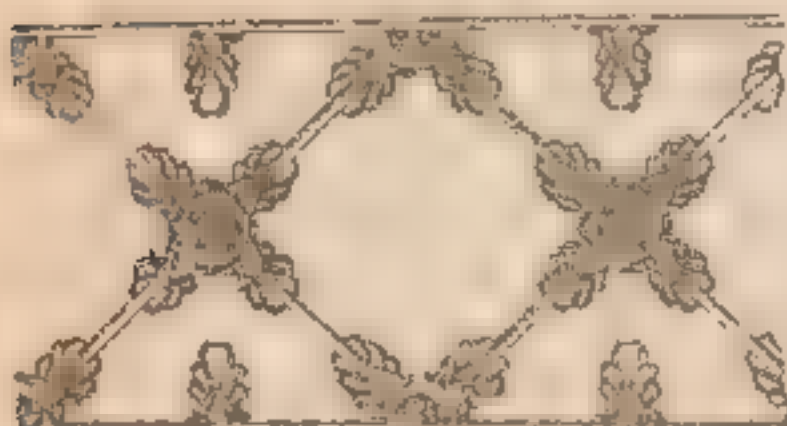
Nº 436



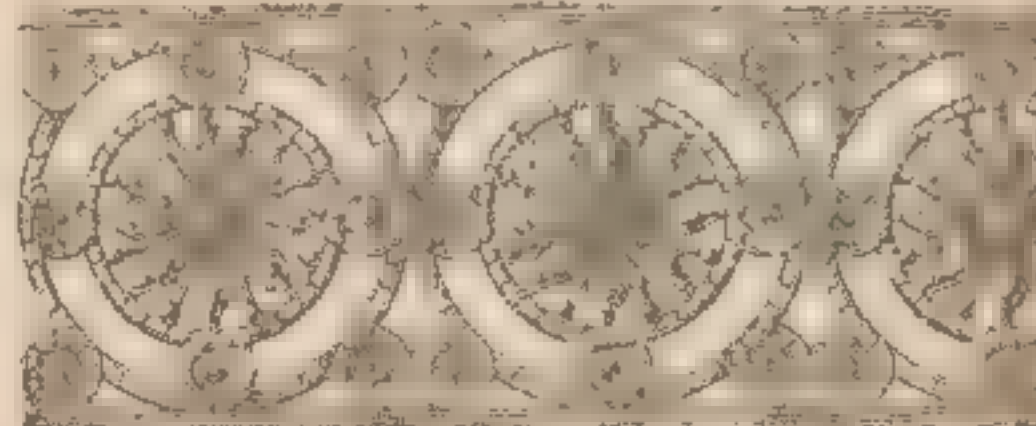
Nº 406



Nº



Nº 53



Nº 6-



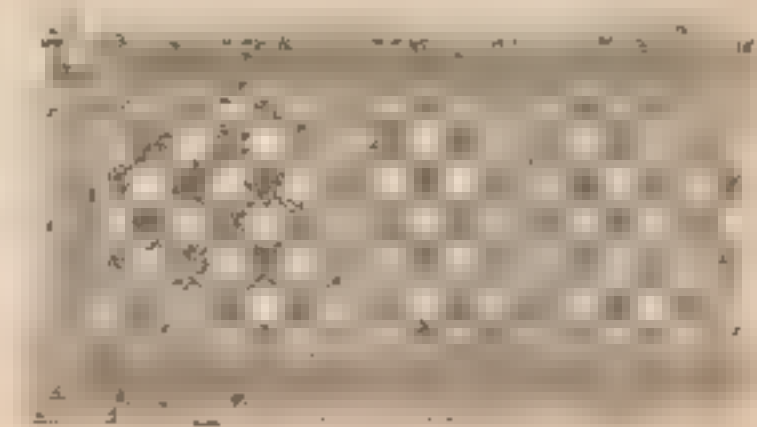
Nº 41



Nº



Nº



FACE

42

412

Standard price in p...

Nº 50



Nº 20



Nº 442



Nº 925



Nº 884



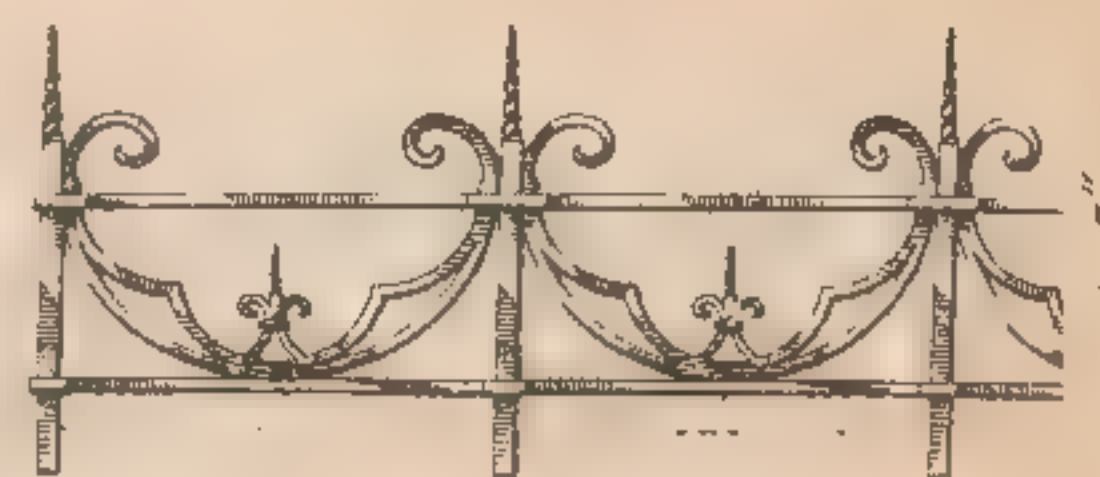
Nº 921



Nº 112



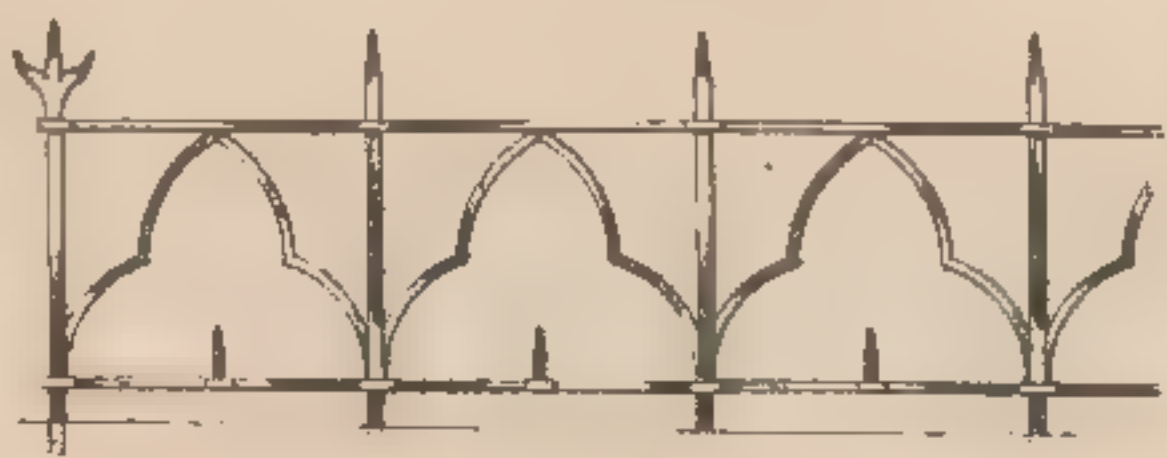
Nº 100



Nº 51



Nº 73



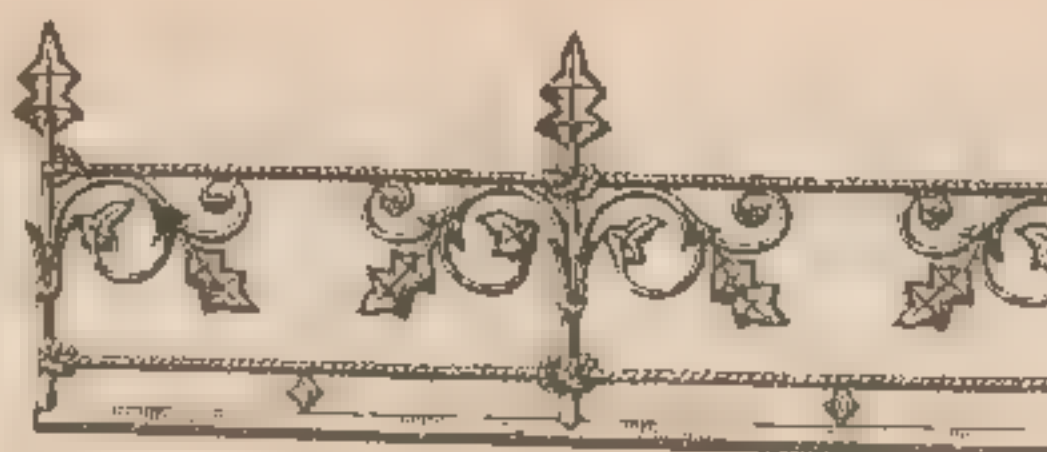
Nº 191



Nº 49



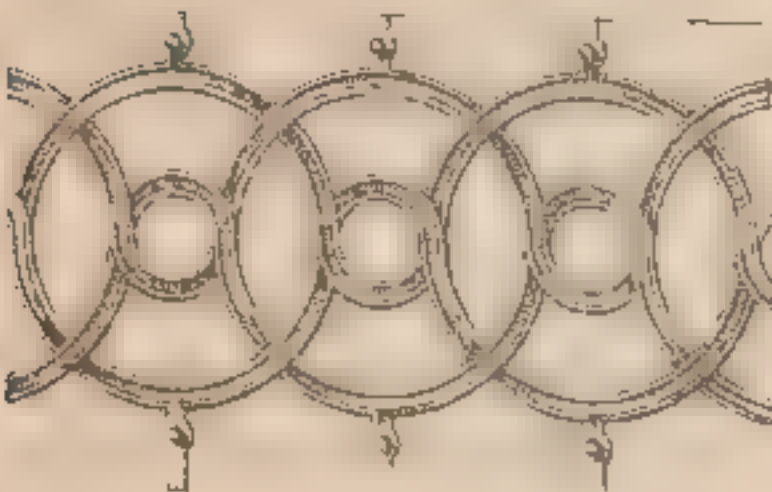
Nº 54



Nº 23



Nº 400



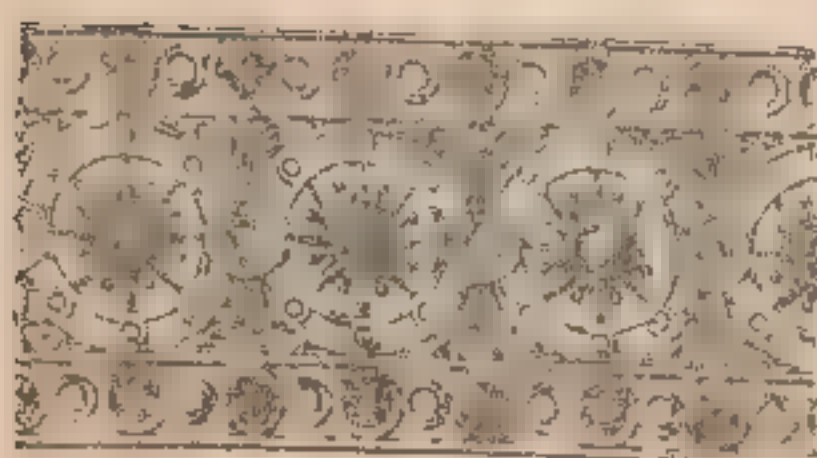
Nº 80



Nº 266



Nº 83



Nº 204



Nº 44



SCALE



2

3

4 FEET

Nº 921



Nº 473



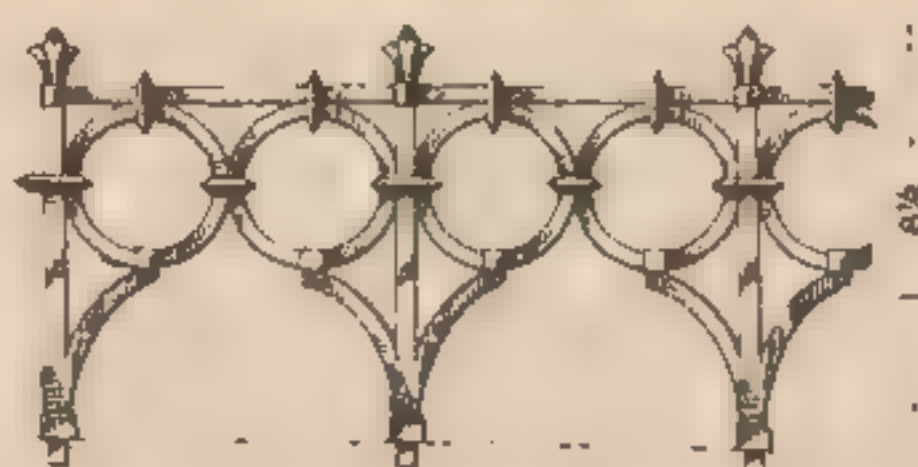
Nº 65



Nº 172



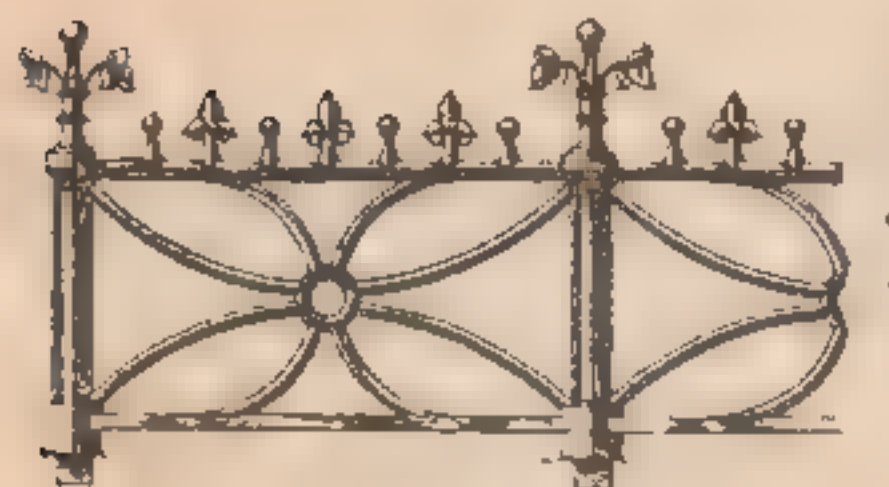
Nº 136



Nº 783



Nº 70



Nº 57



Nº 94



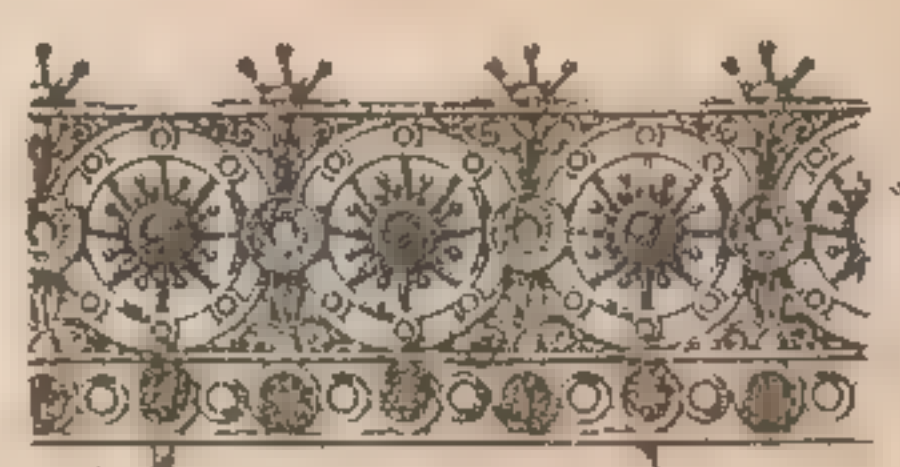
Nº 44



Nº 291



Nº 183



Nº 200



Nº 392



Nº 913



Nº 437



Nº 146



Nº 372



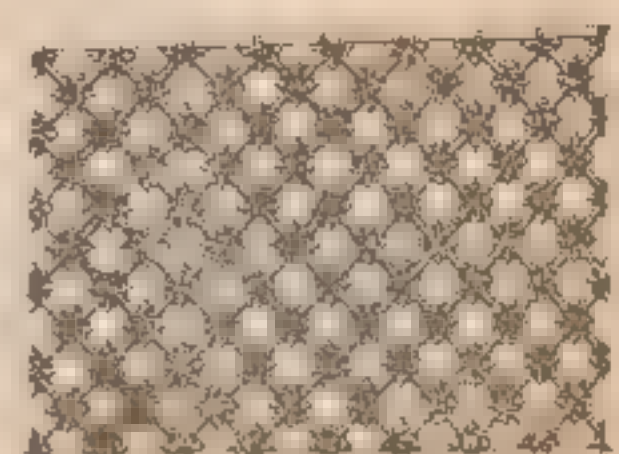
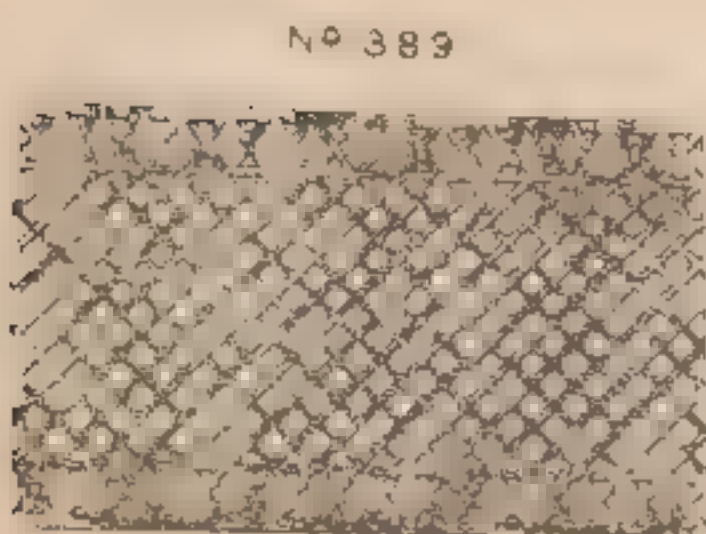
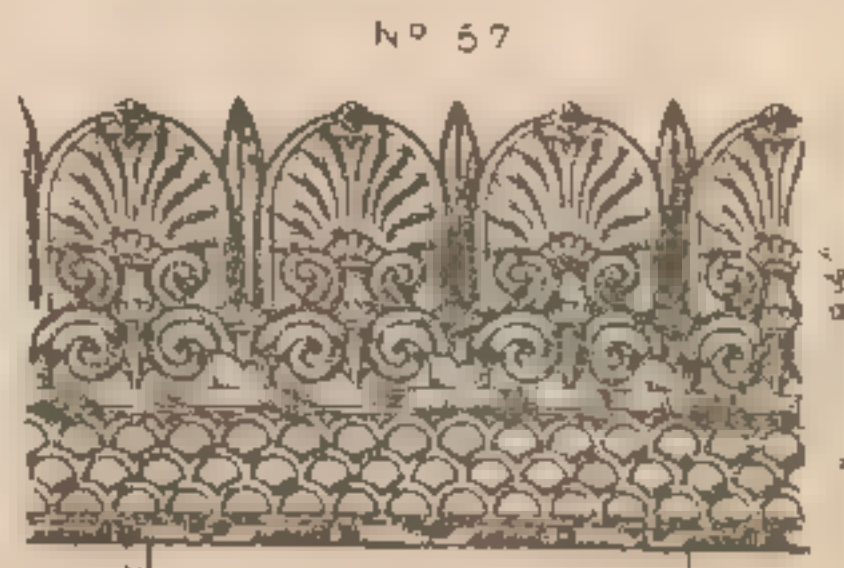
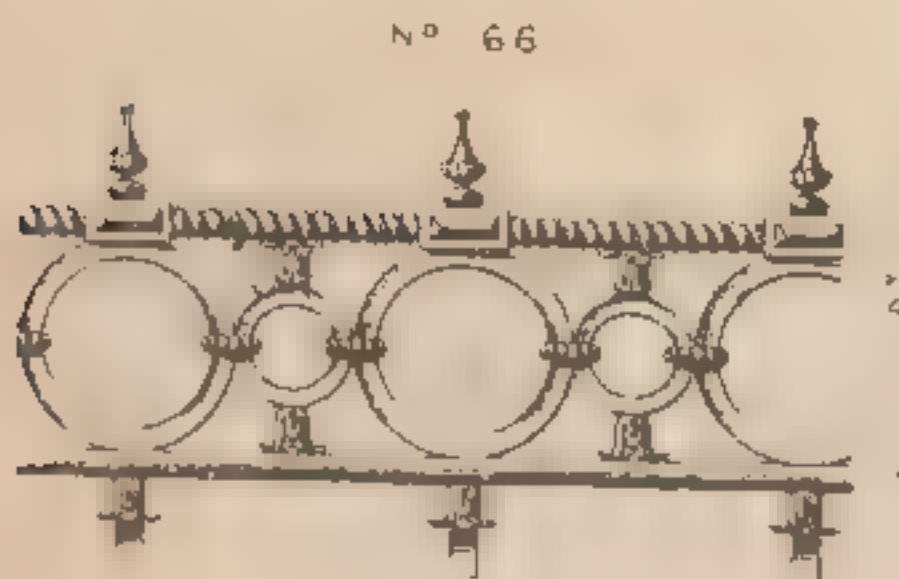
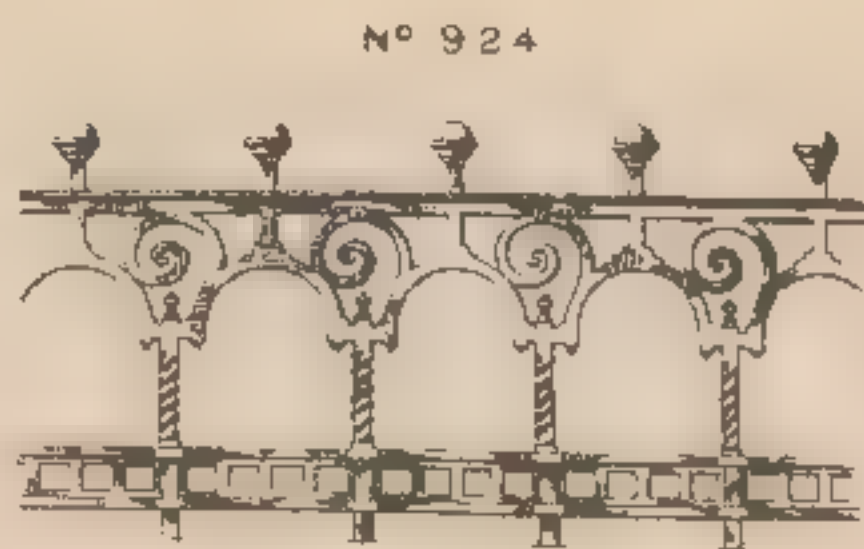
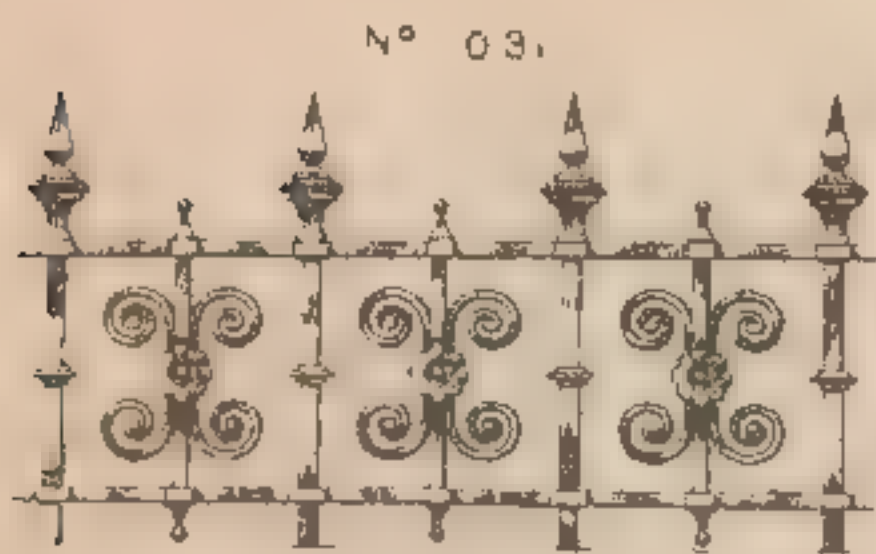
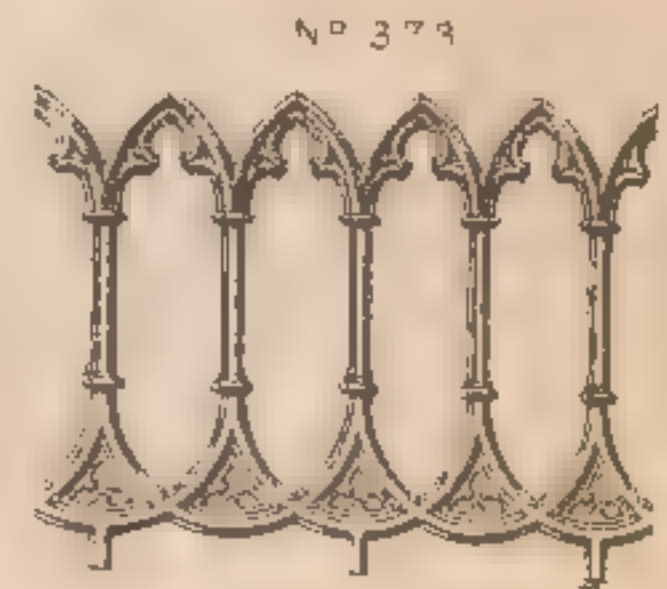
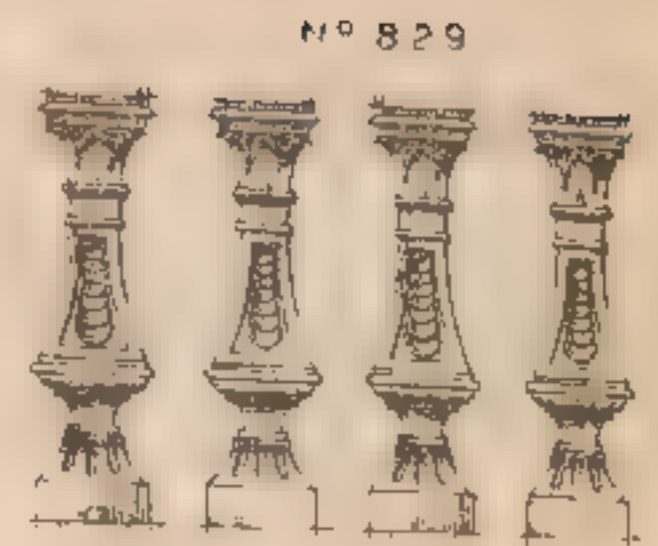
1 FACE

SCALE

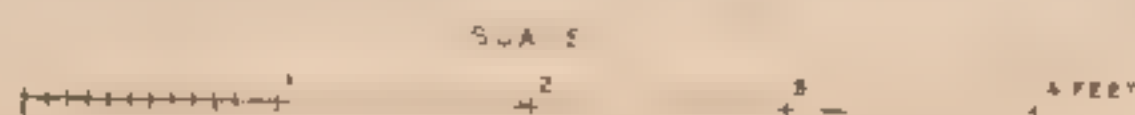


4 FEET

MACFARLANE'S CASTINGS — RAILING



FACE



MACFARLANE'S CASTINGS — RAILING

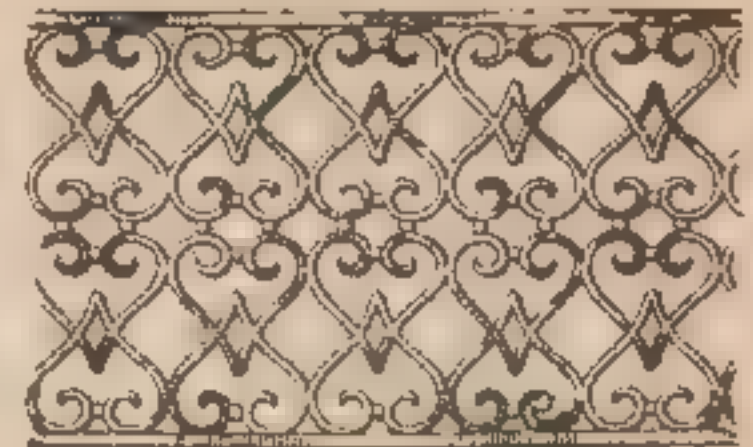
N° 398



N° 1089



N° 294



N° 80



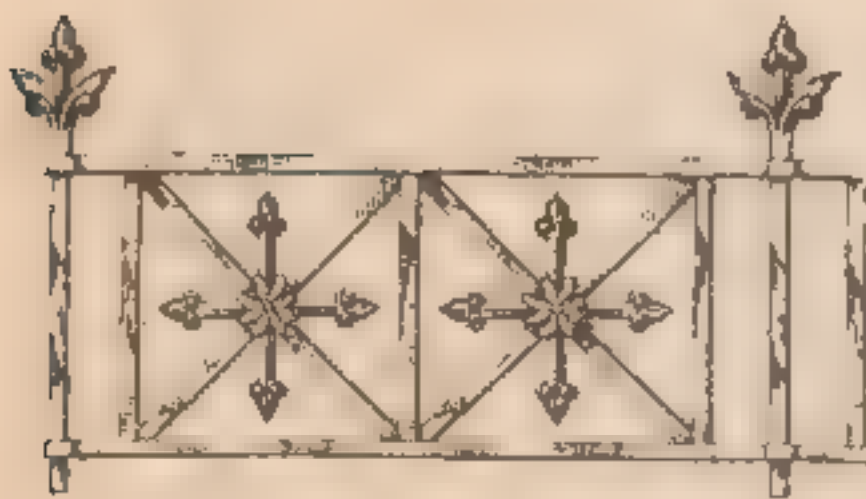
N° 948



N° 412



N° 214



N° 21



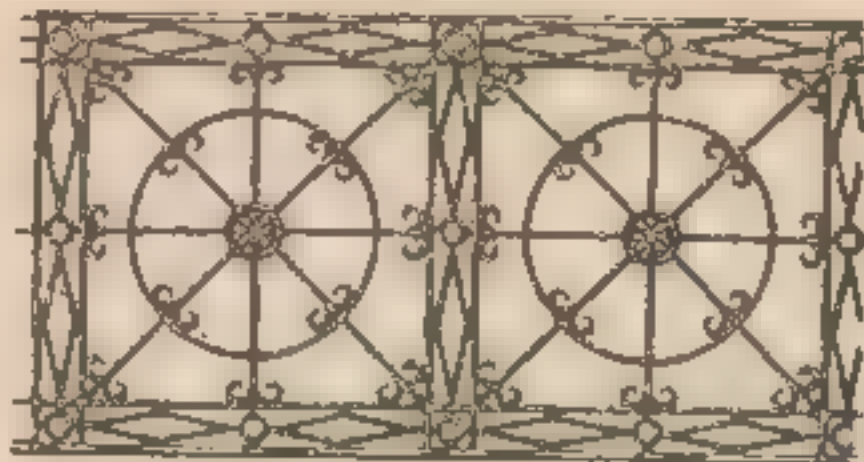
N° 104



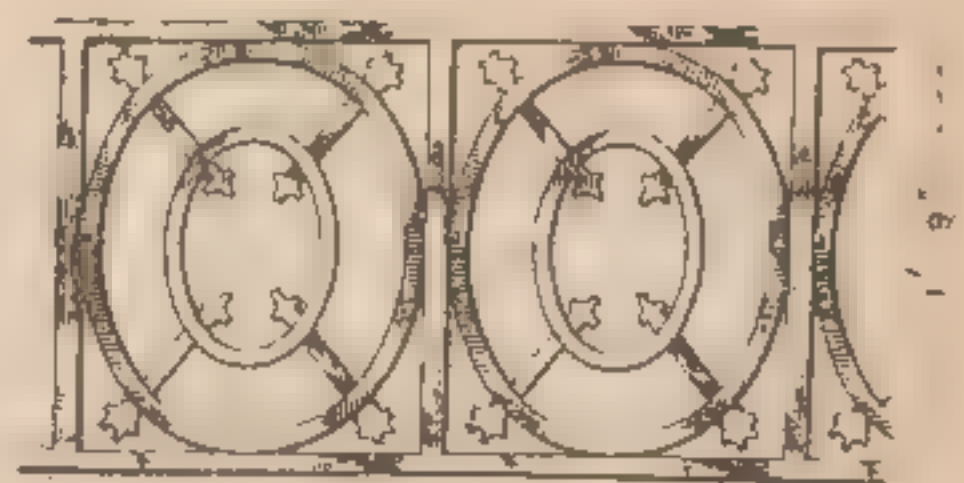
N° 184



N° 10



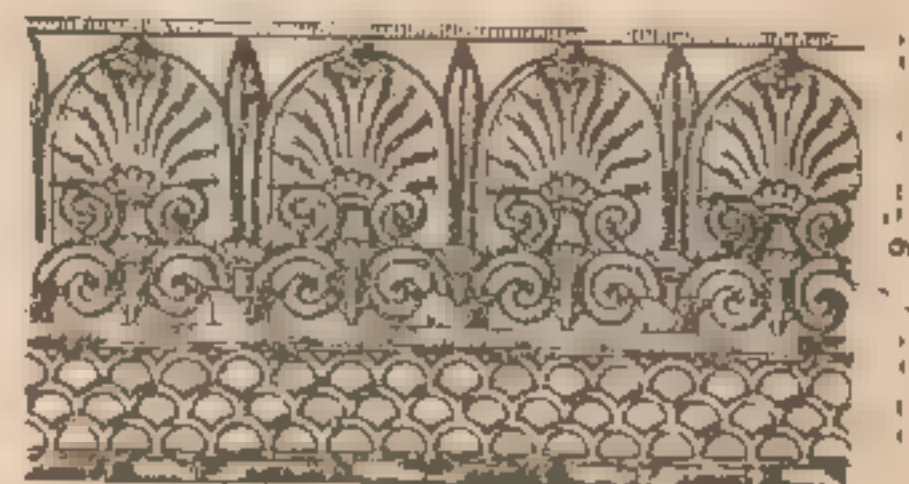
N° 147



N° 33



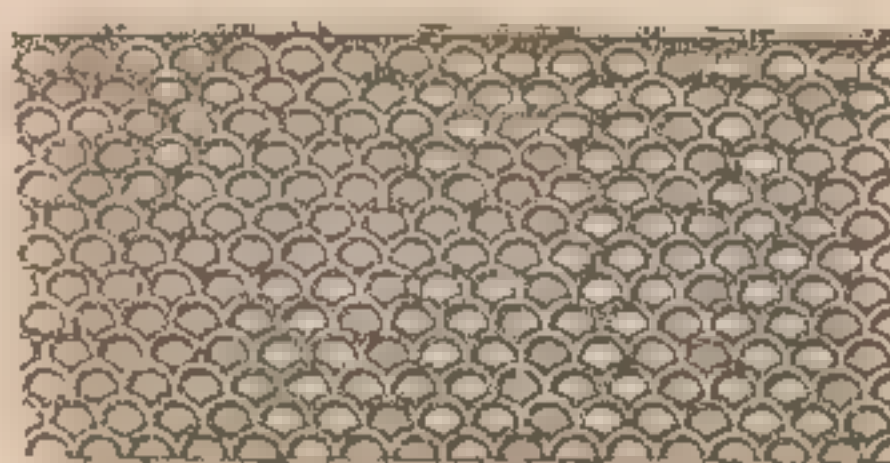
N° 57



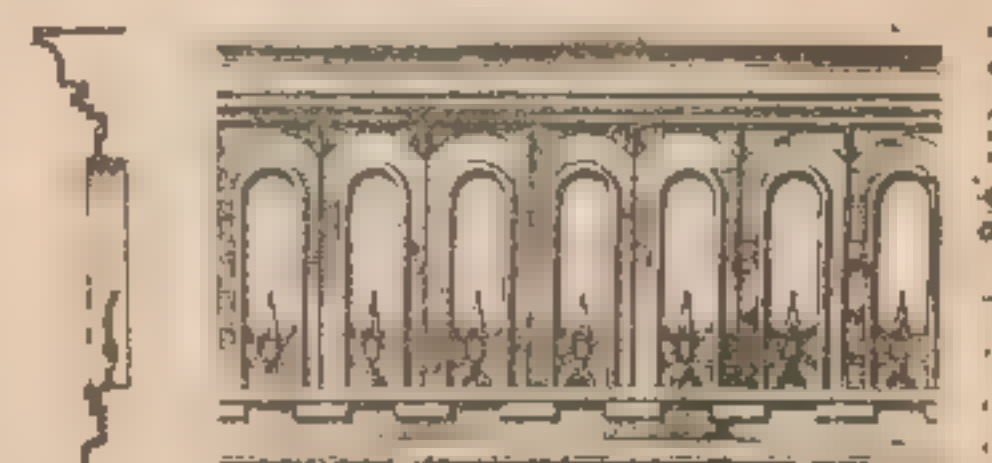
N° 85



N° 257



N° 989



For Pedestal and Vase see page 171

SCALE



MACFARLANE'S CASTINGS — RAILING

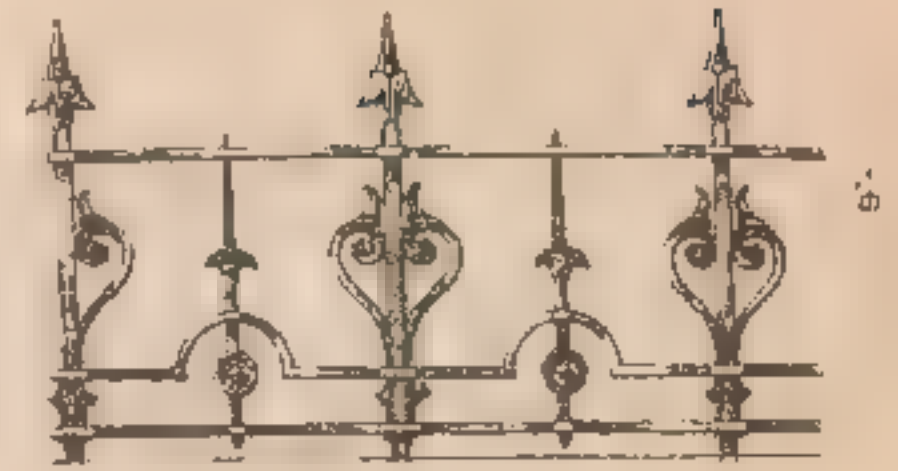
N° 938



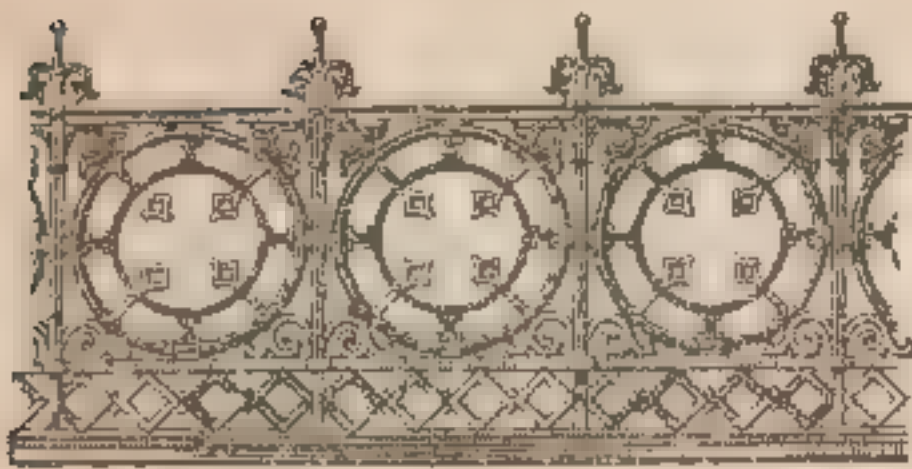
N° 1016



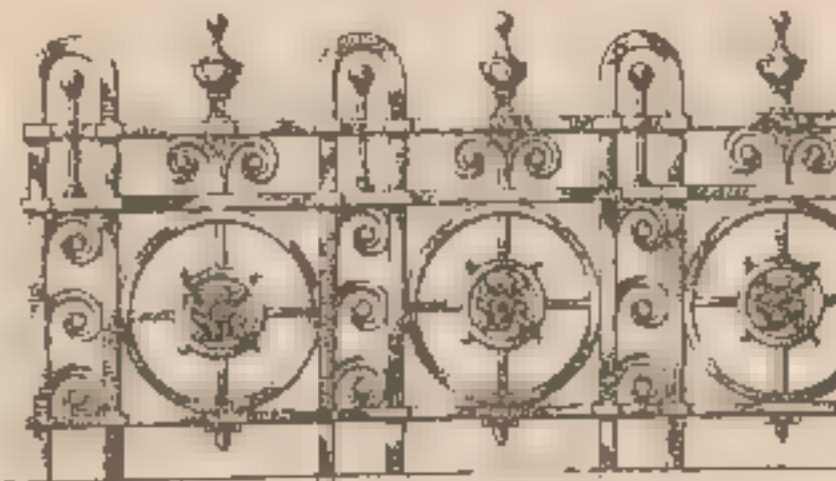
N° 919



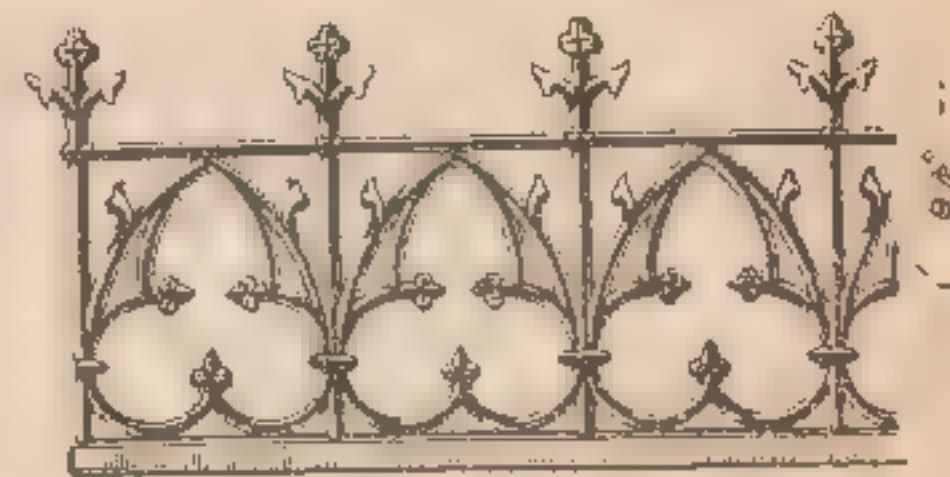
N° 42



N° 894



N° 40



N° 957



N° 199



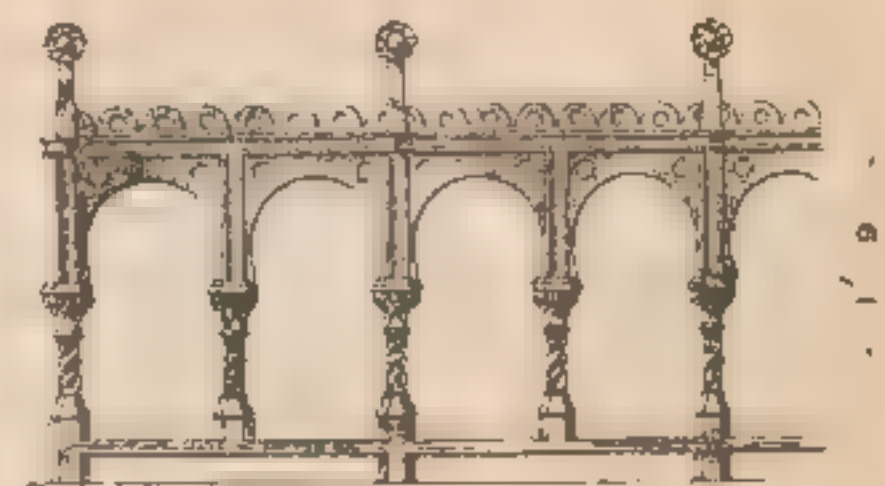
N° 925



N° 49



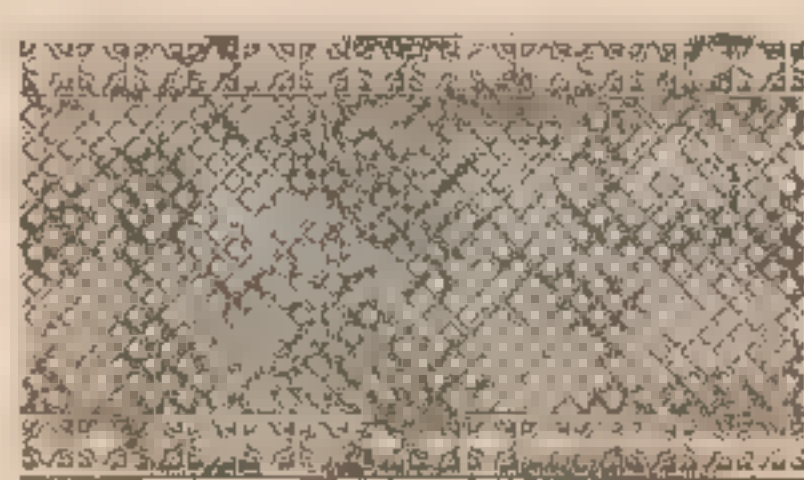
N° 929



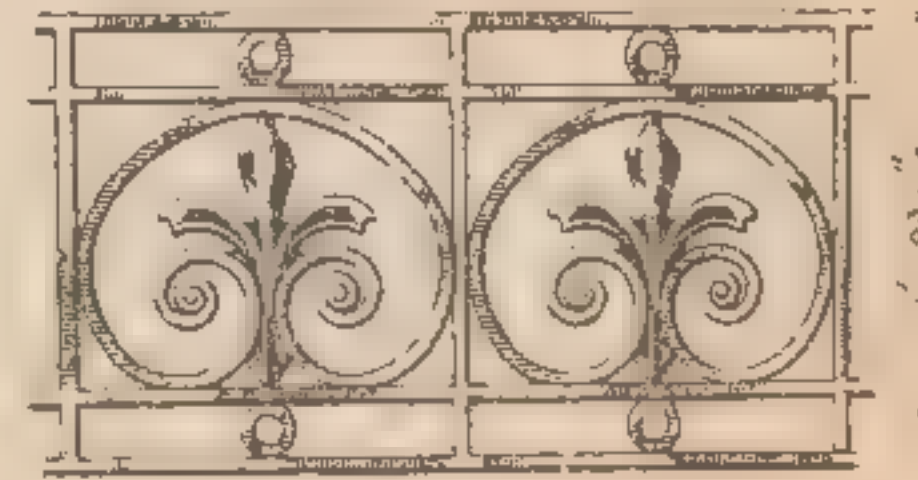
N° 328



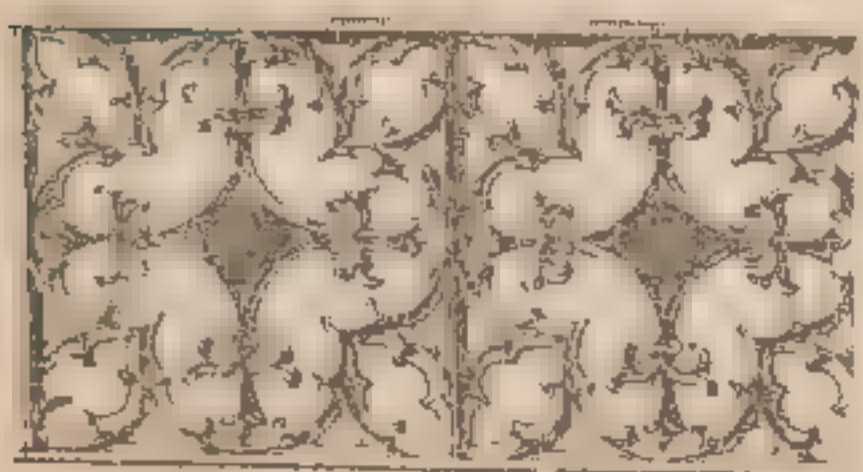
N° 389



N° 148



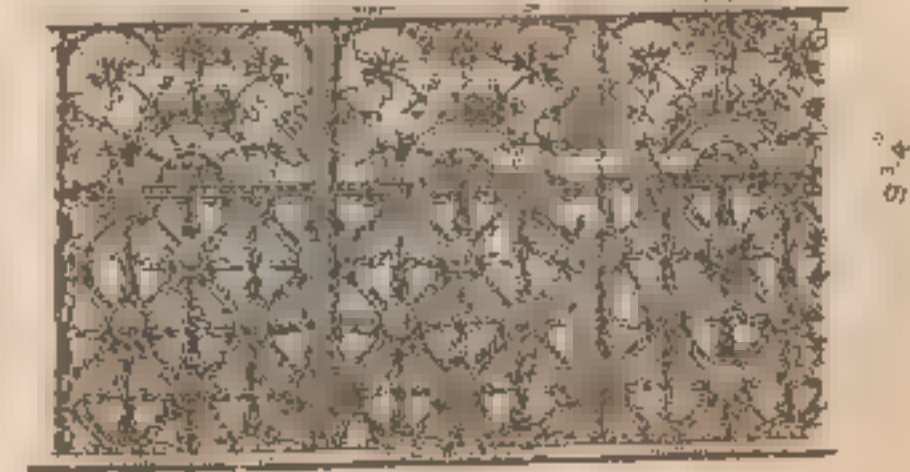
N° 76



N° 866



N° 134



FACE

SCALE

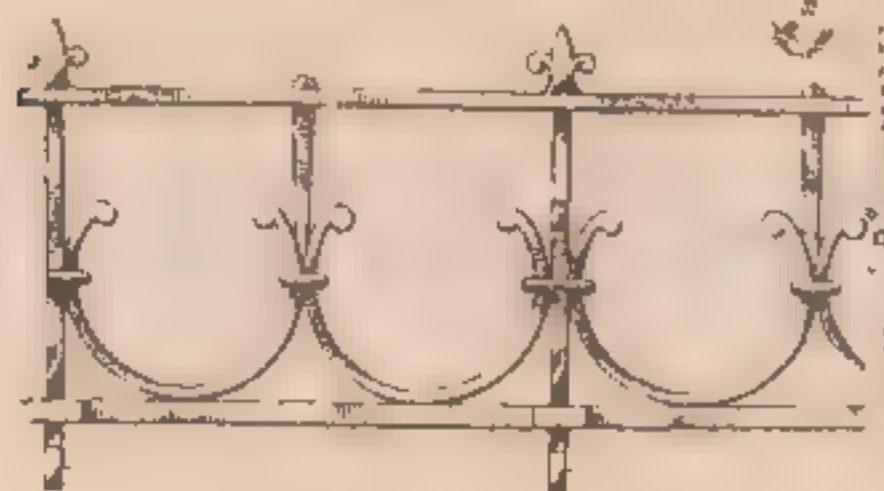


MACFARLANE'S CASTINGS — RAILING

N° 798



N° 64



N° 920



N° 780



N° 4



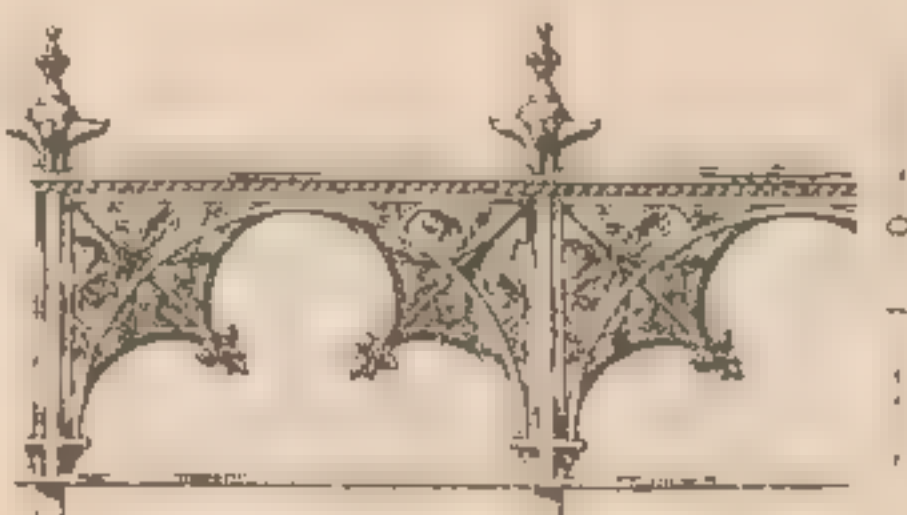
N° 179



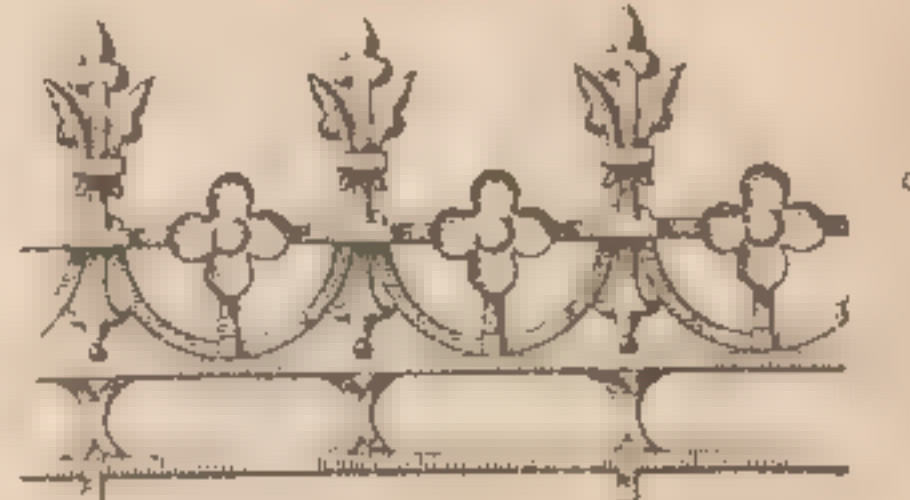
N° 413



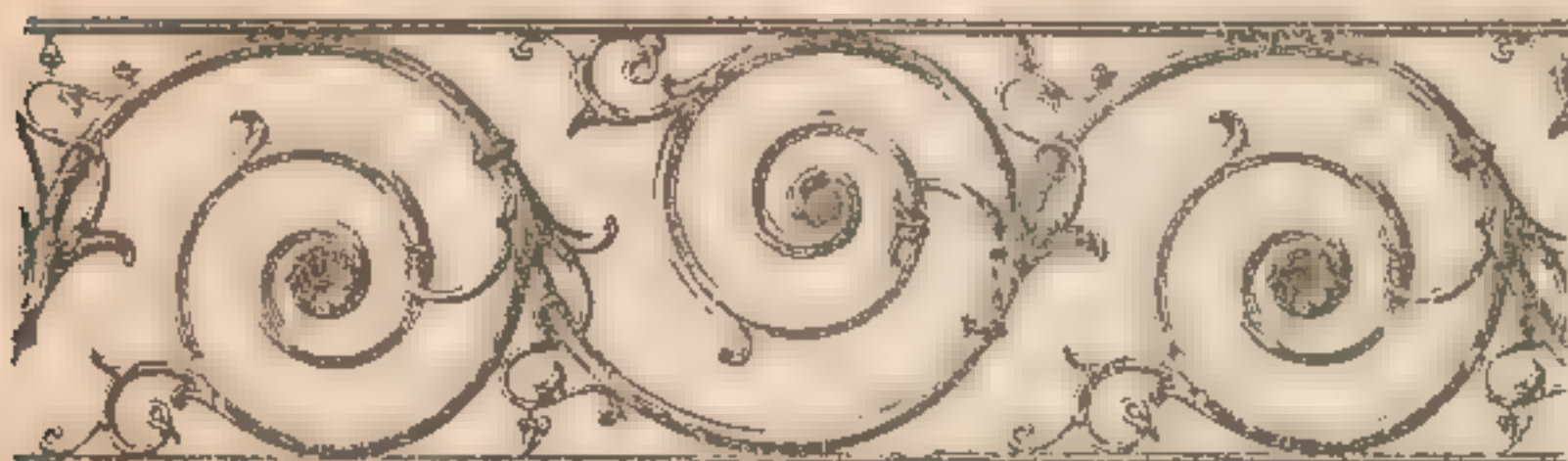
N° 119



N° 460



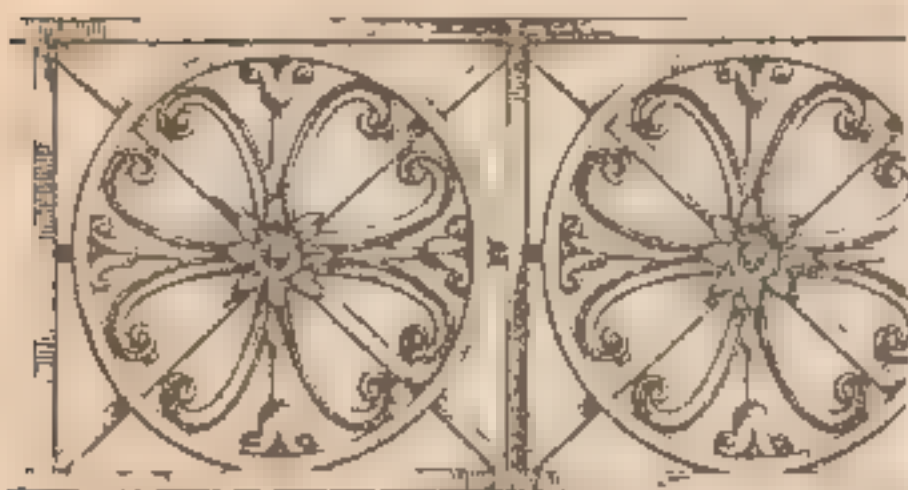
N° 1020



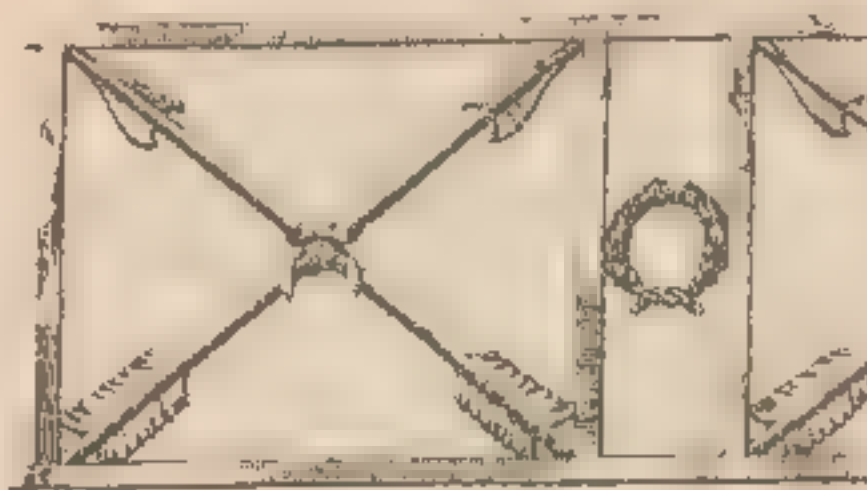
N° 290



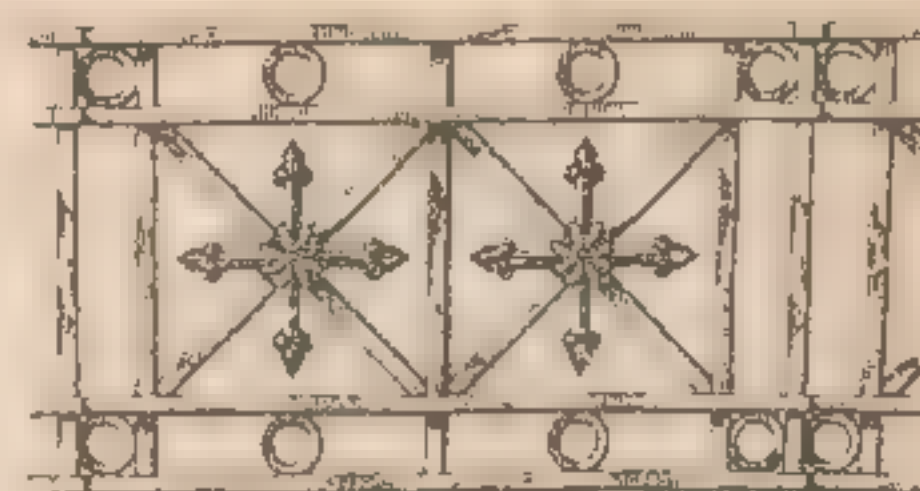
N° 132



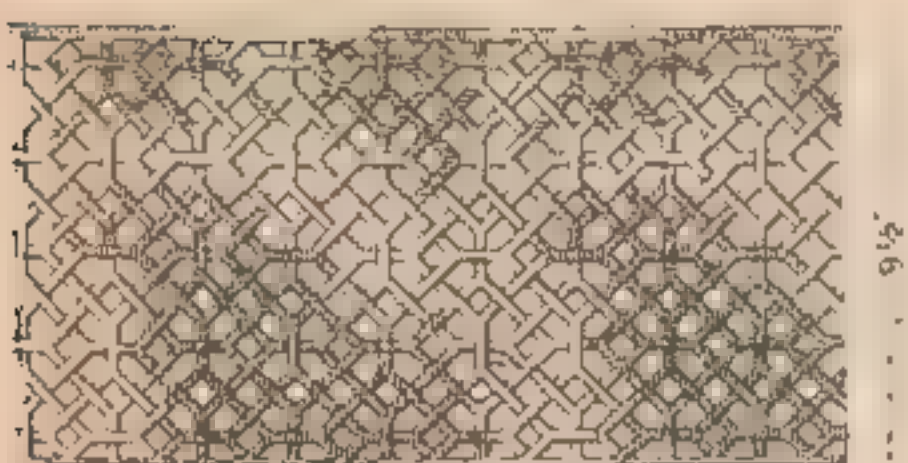
N° 407



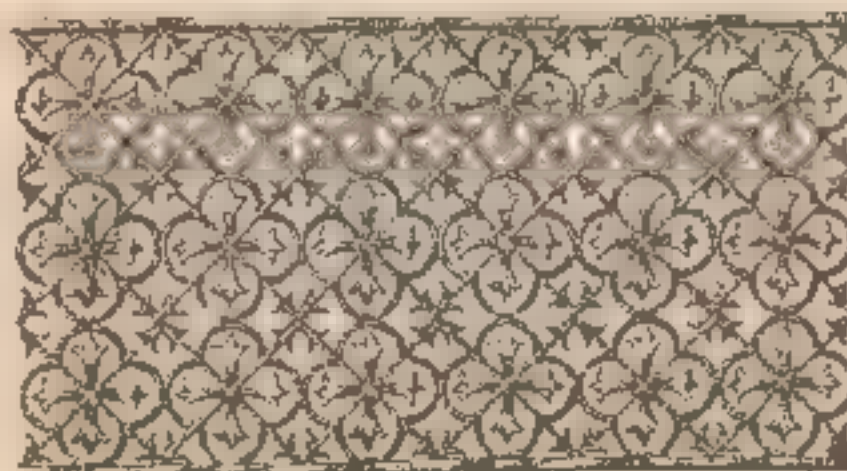
N° 214



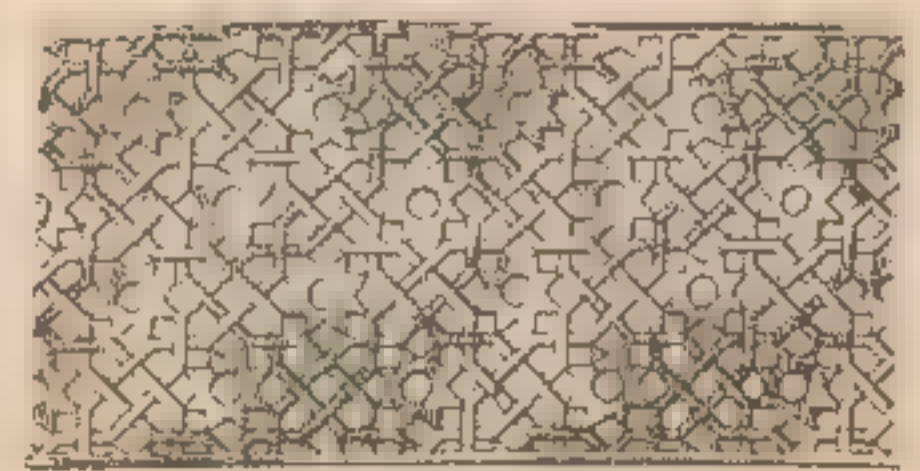
N° 1118

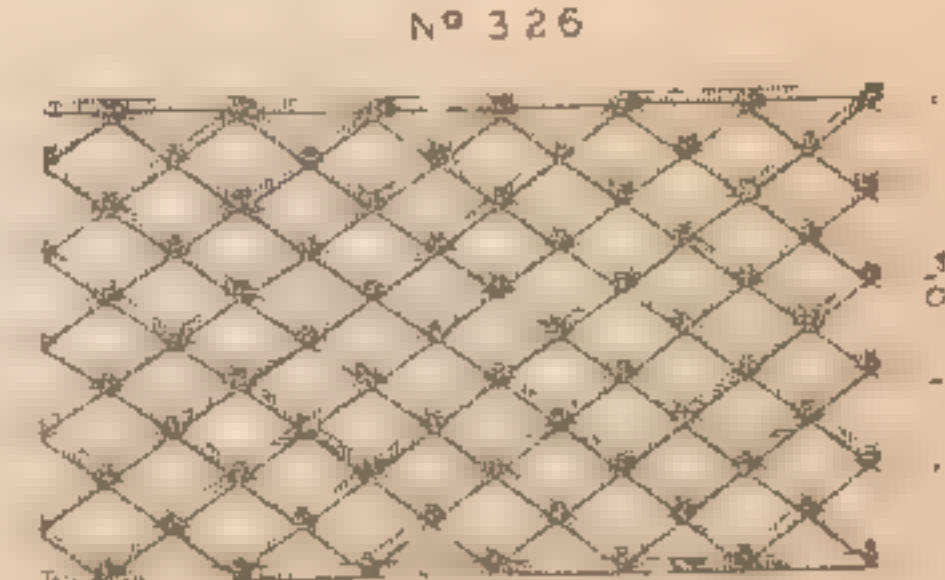
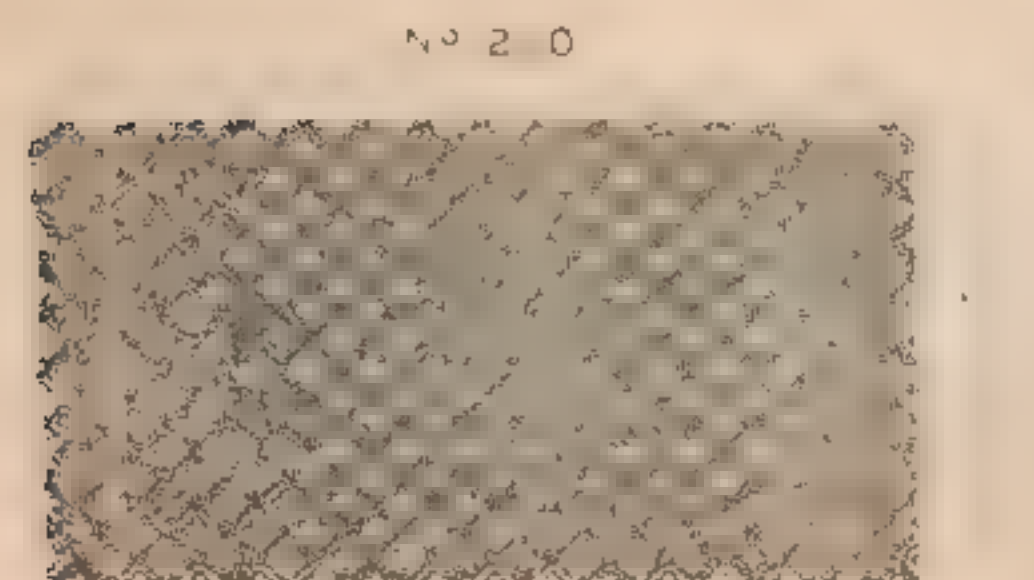
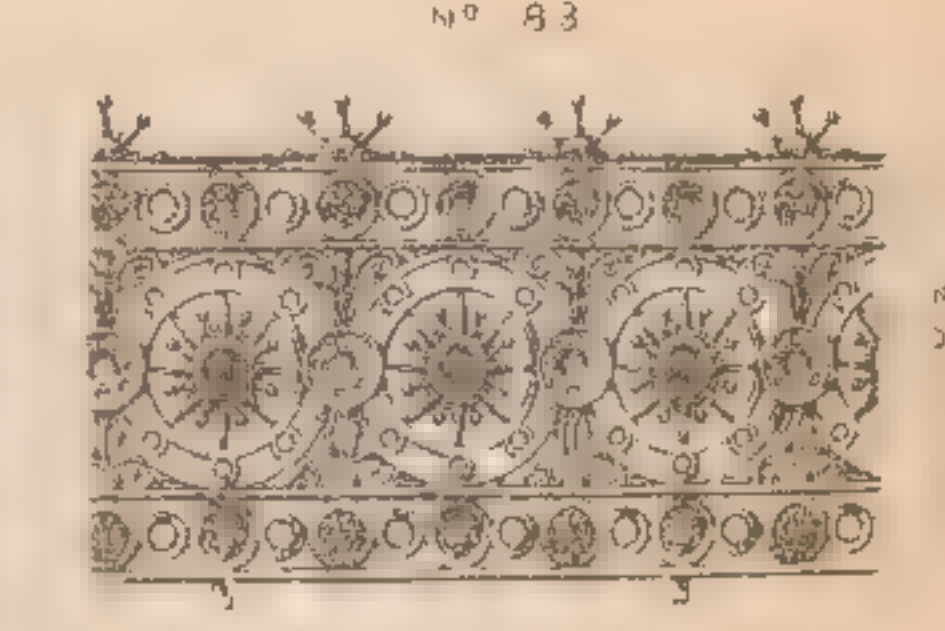
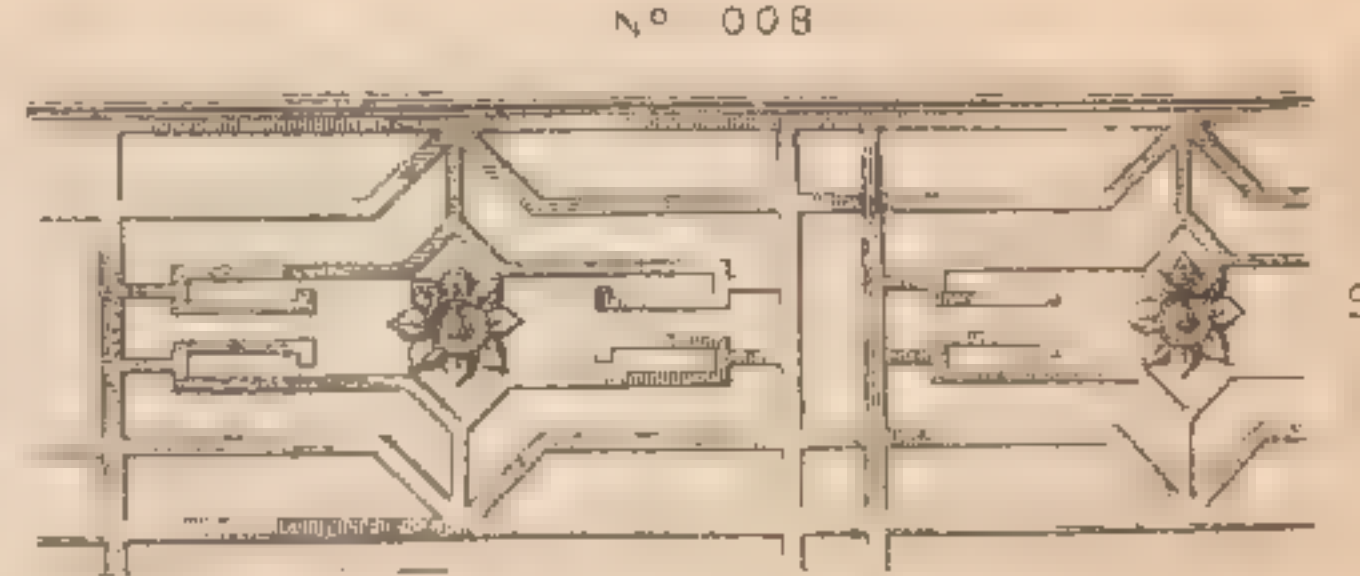
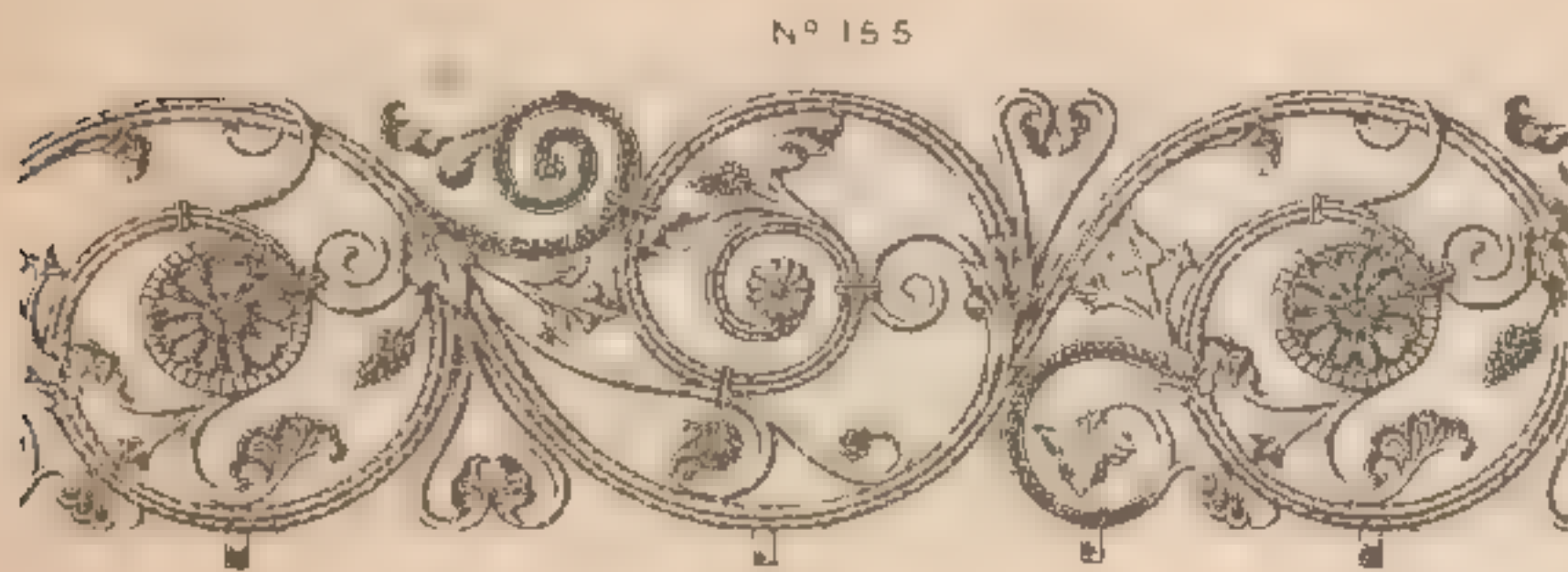
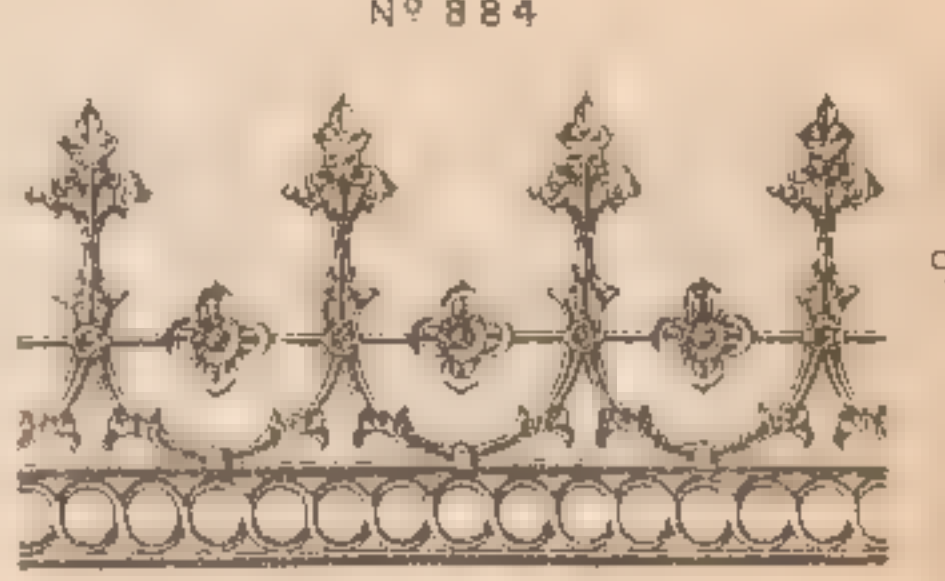
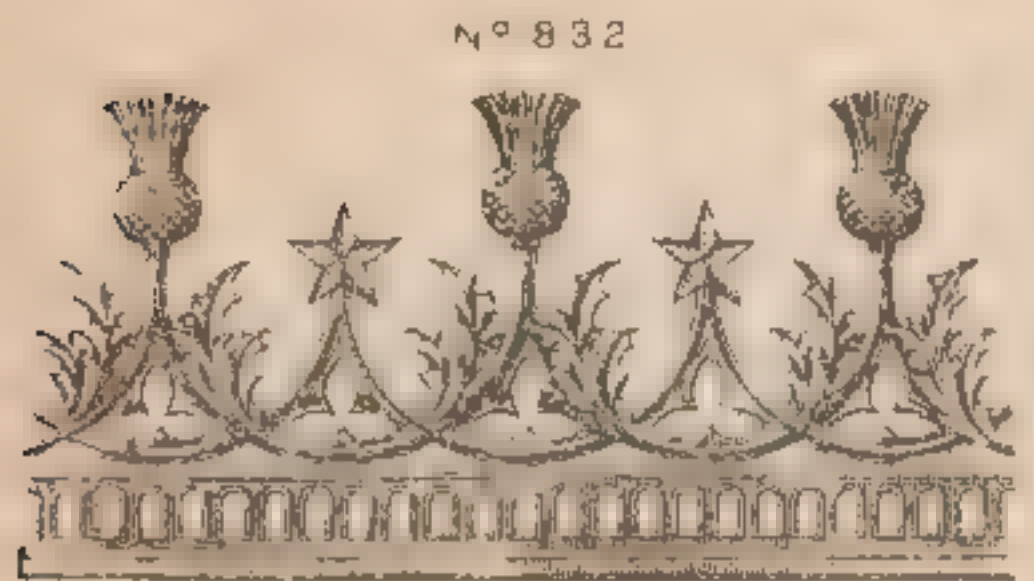
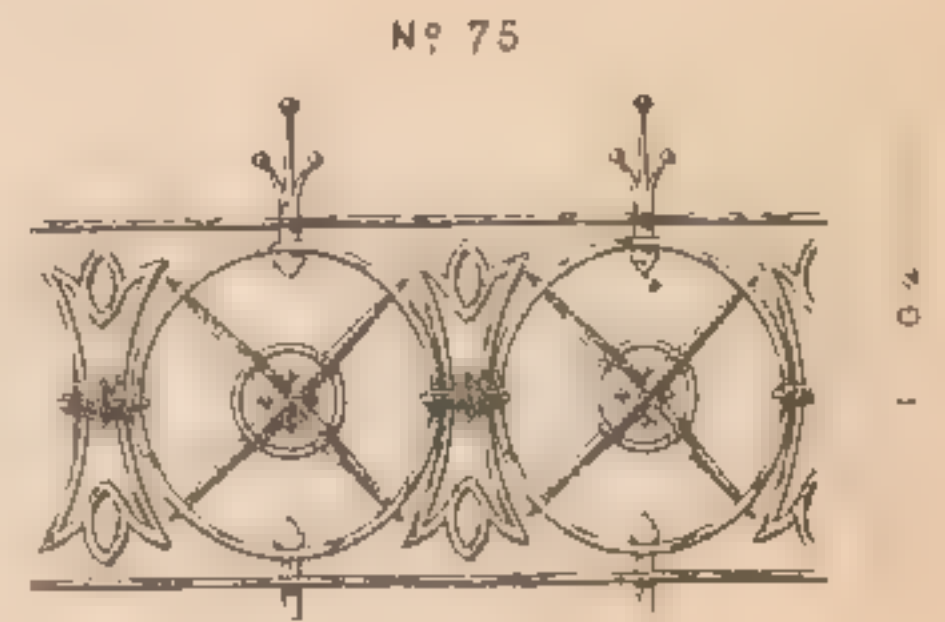
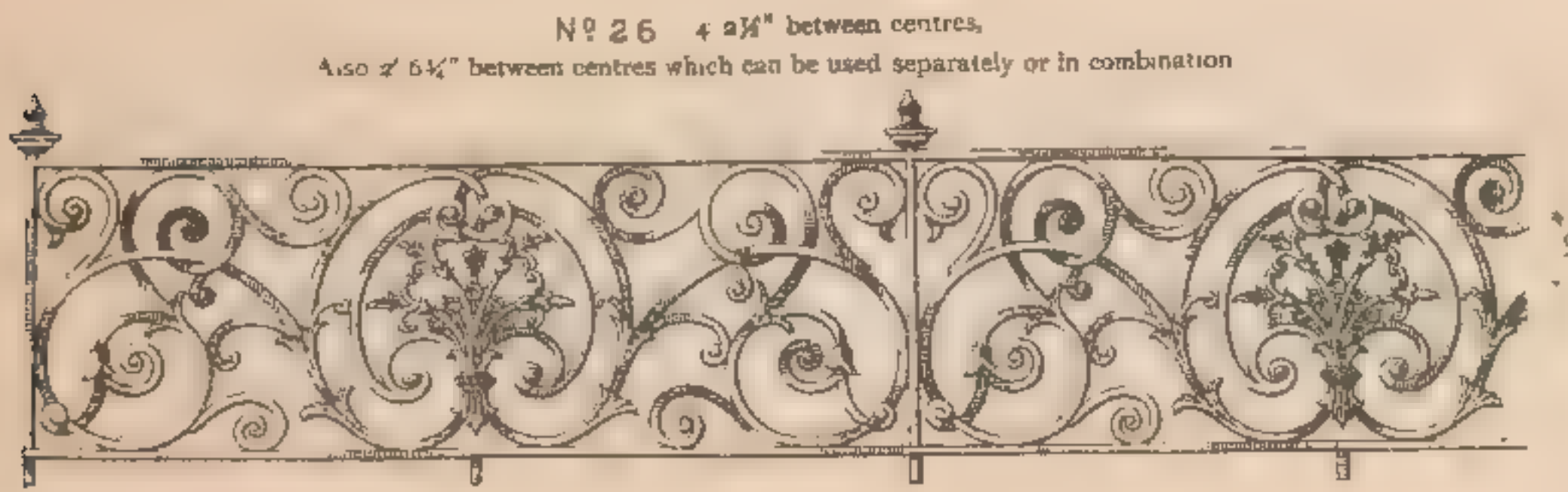
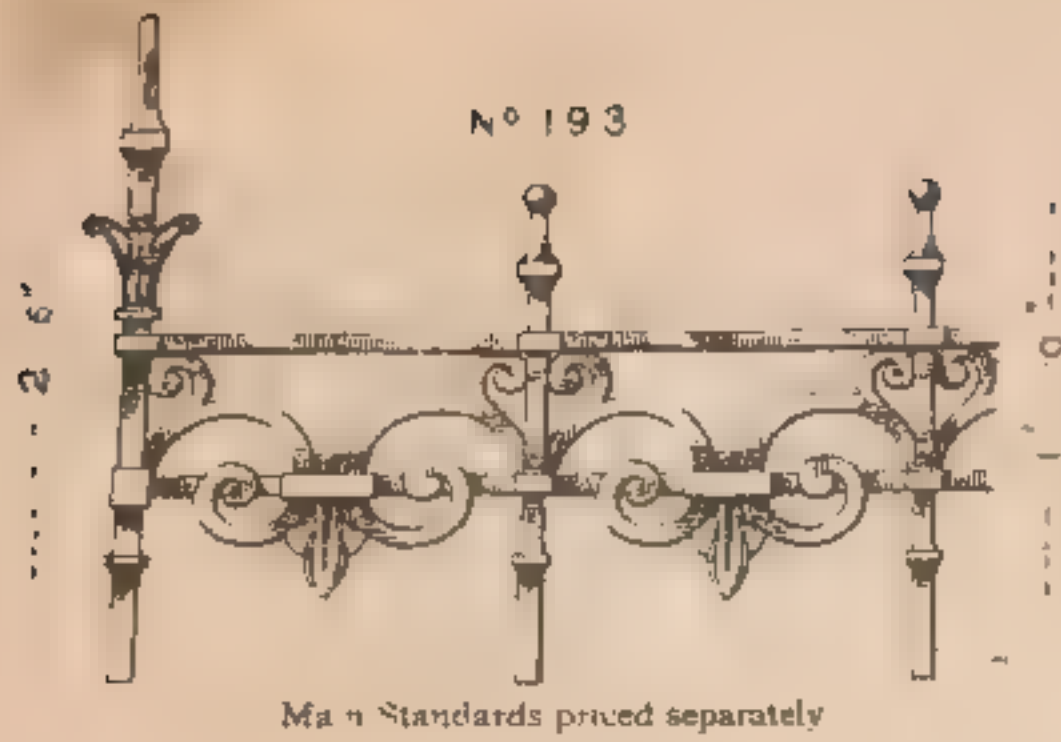


N° 109



N° 7

1 FACE
SCALE



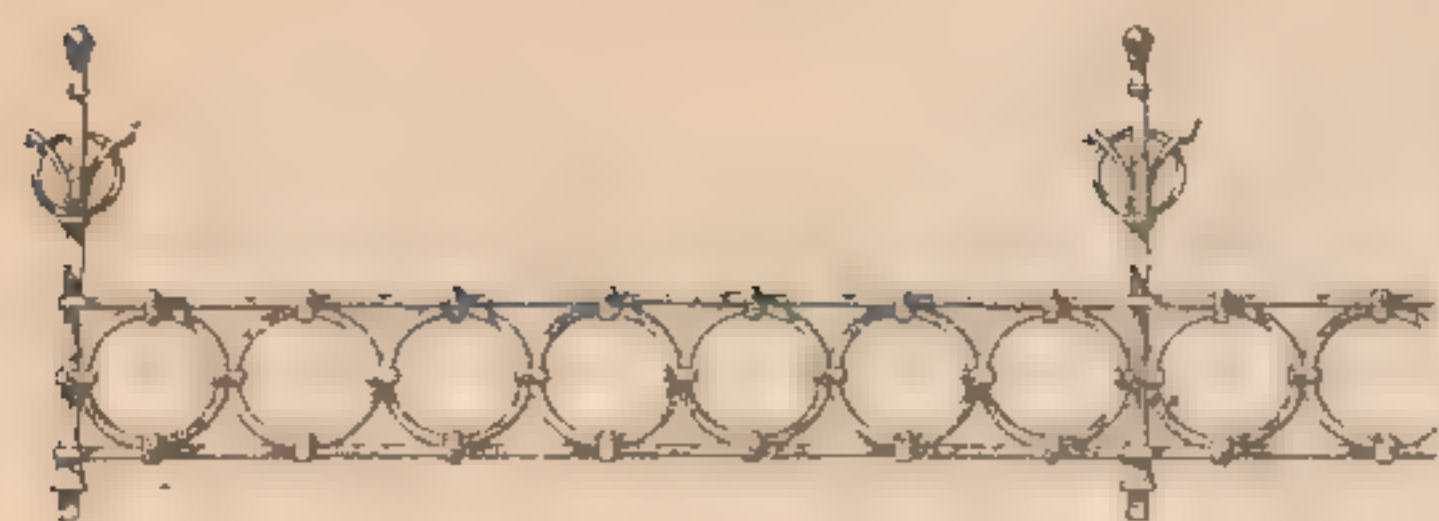
Any size to order

FACE

SCALE

1/2\"/>

Nº 21



Nº 283



Nº 52



Nº 57



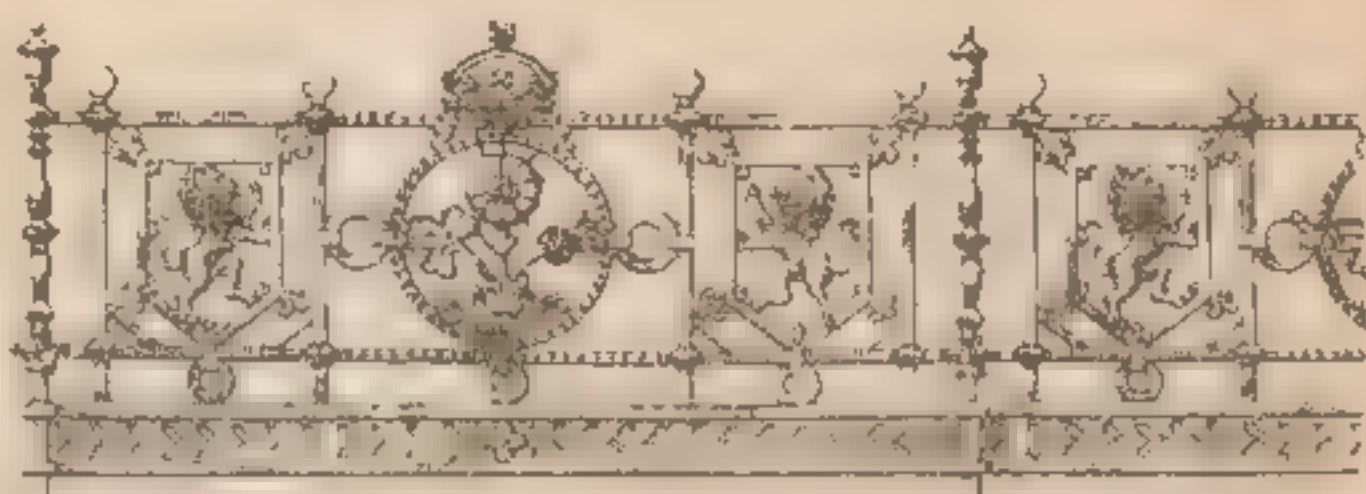
Nº 36



Nº 281



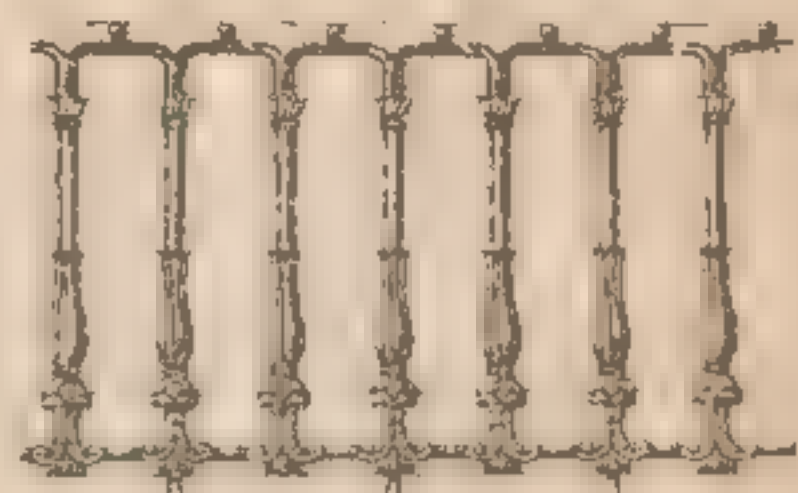
Nº 124



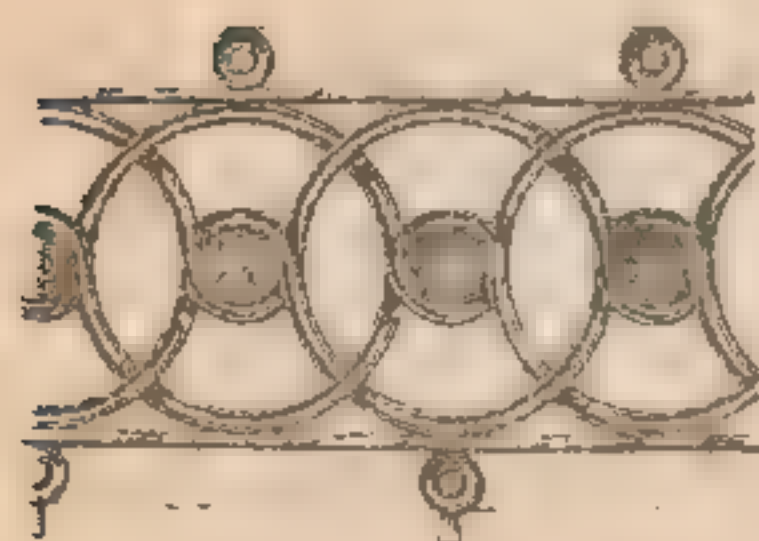
Nº 63



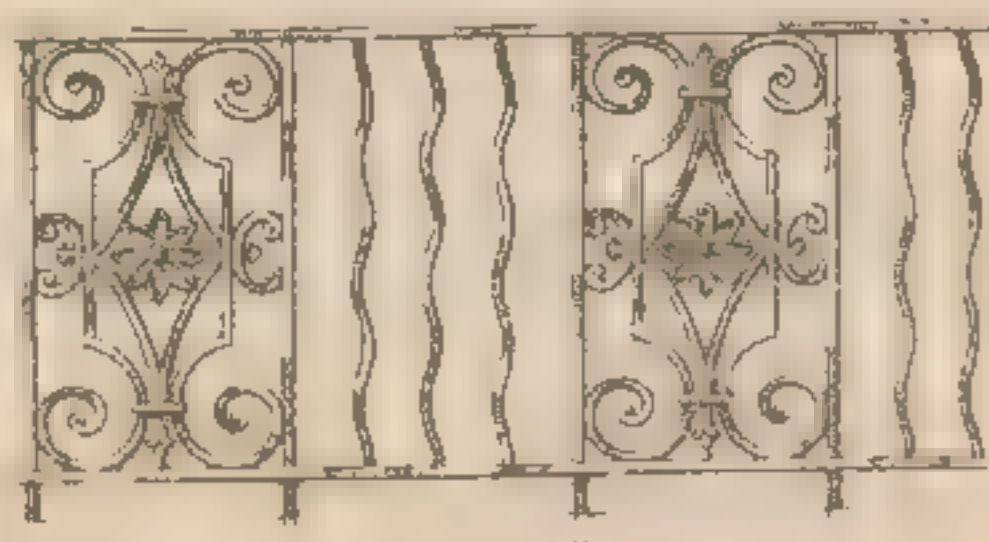
Nº 395



Nº 242



Nº 133



Nº 110



1 AND 2 FACES

Nº 26 7' 5" between centres.

Also 4 3/4" between centres which can be used separately or in combination



Nº 30



1 FACE

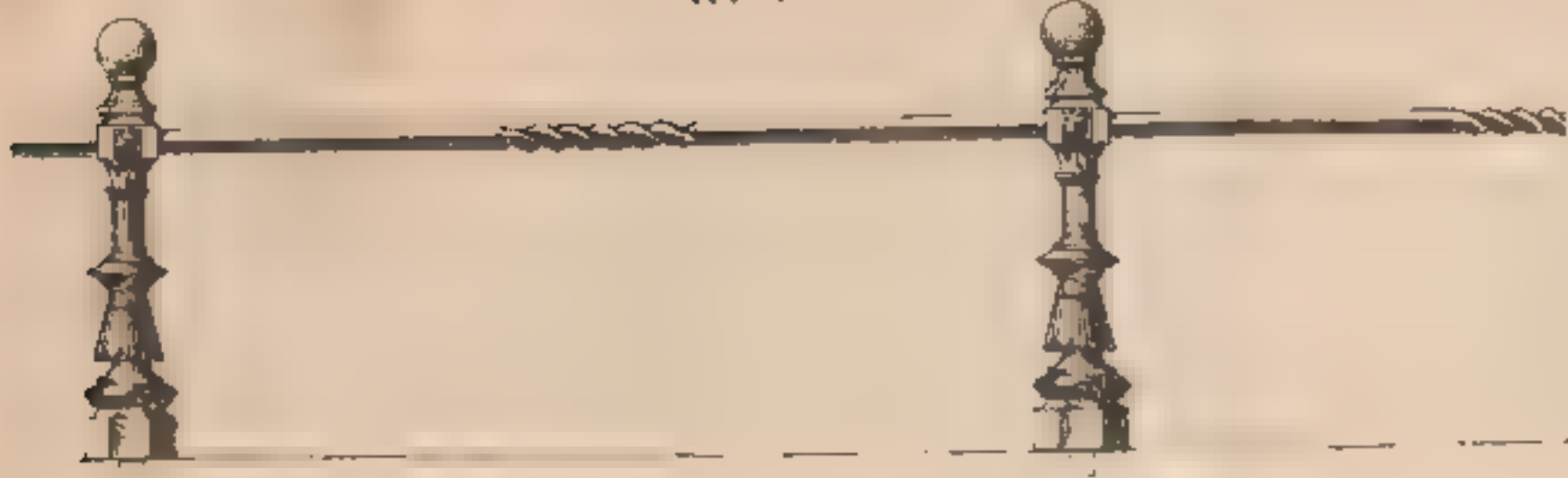
SCALE

2

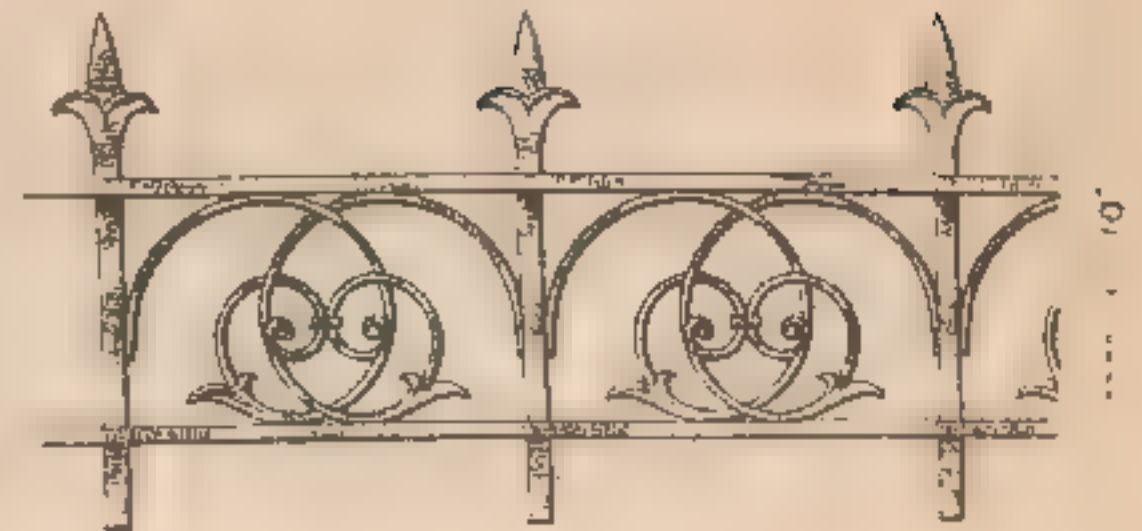
3

4 FT

Nº 427



Nº 415

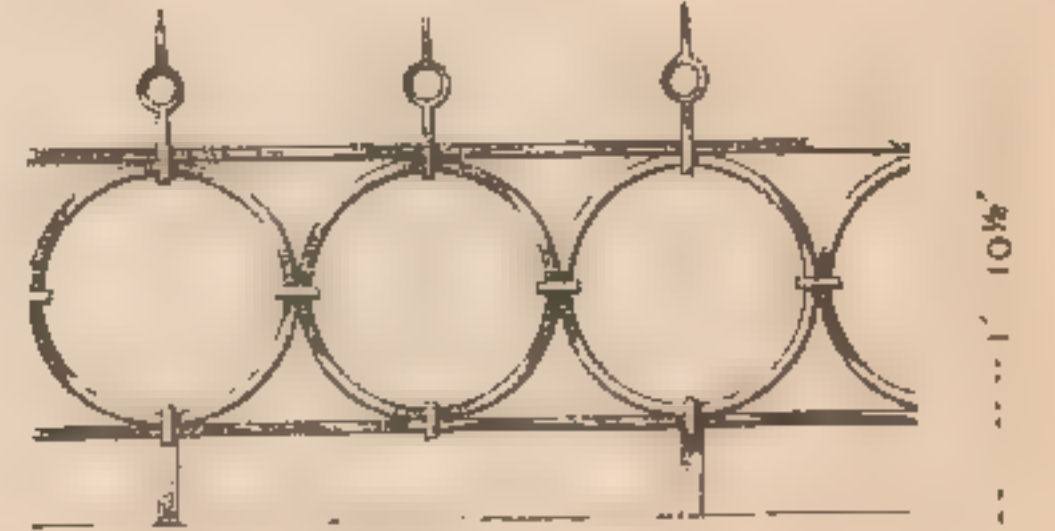


Nº 471

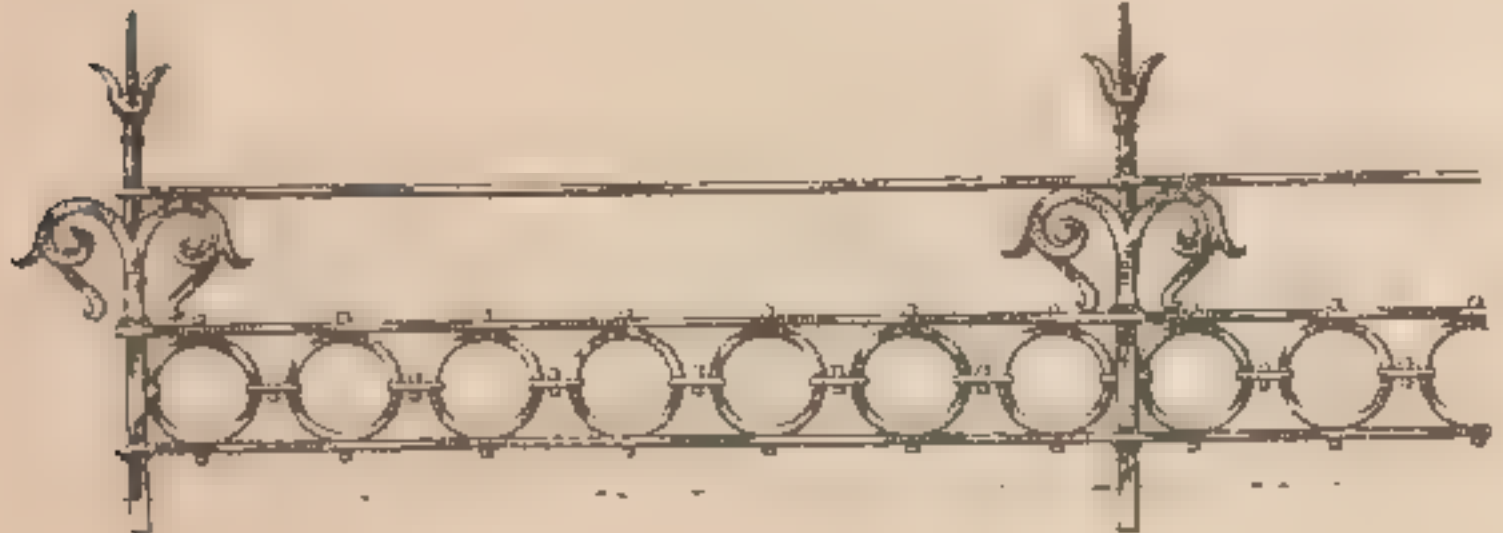


The rail of No. 471 is Malleable iron tube.

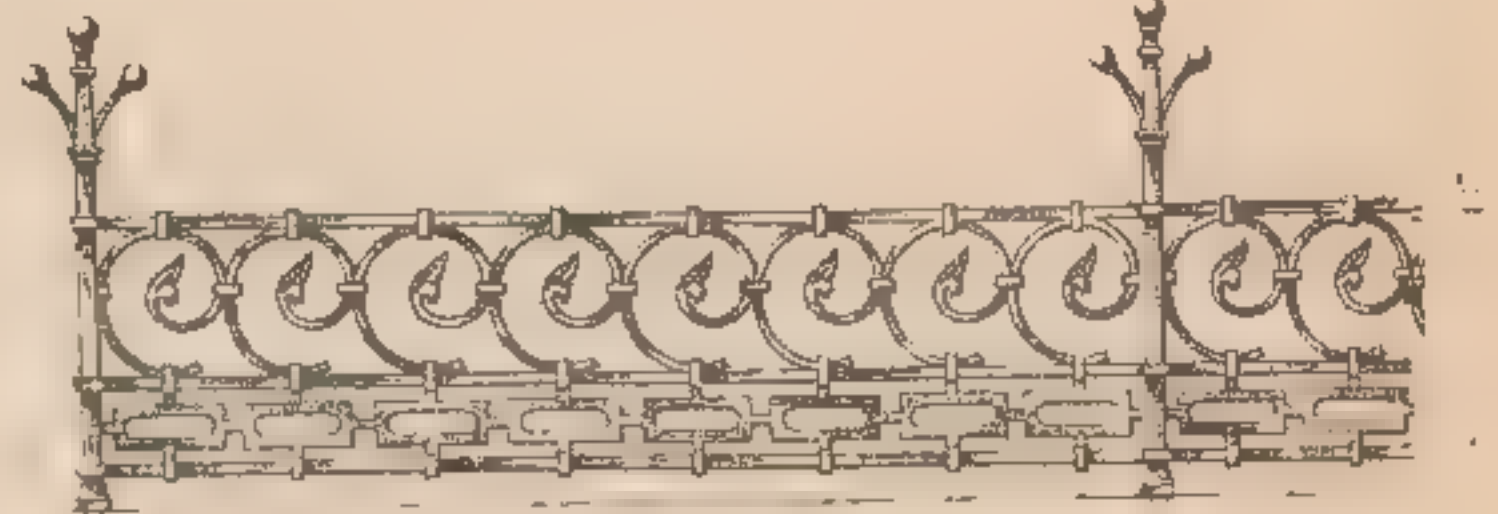
Nº 1074



Nº 206



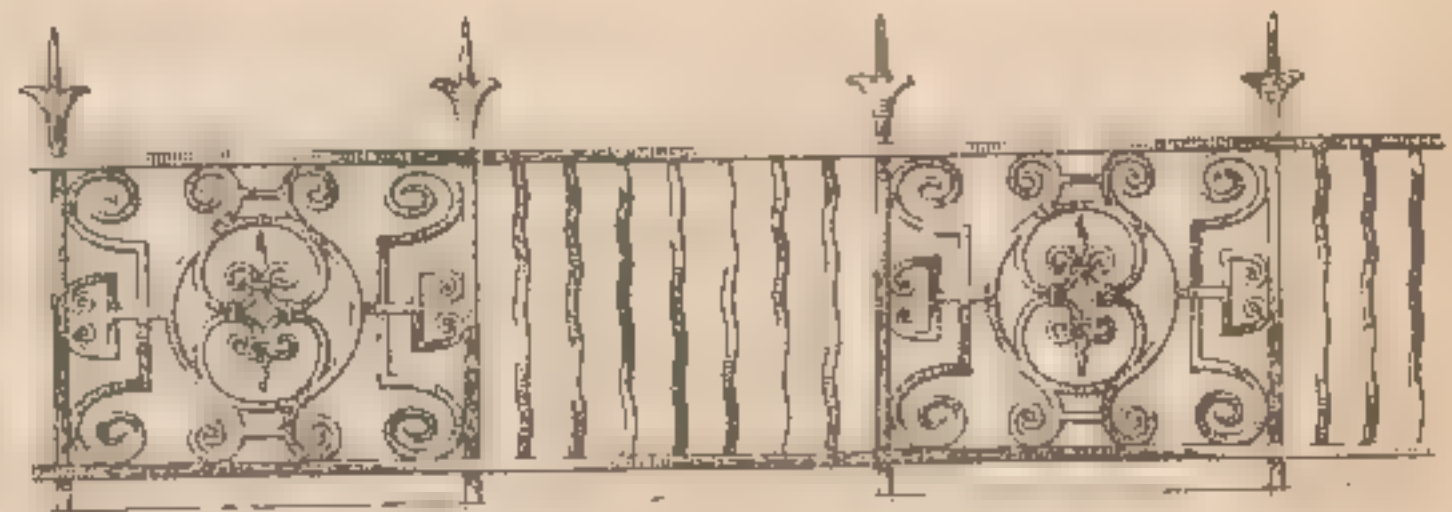
Nº 20



Nº 210



Nº 1104



Nº 881

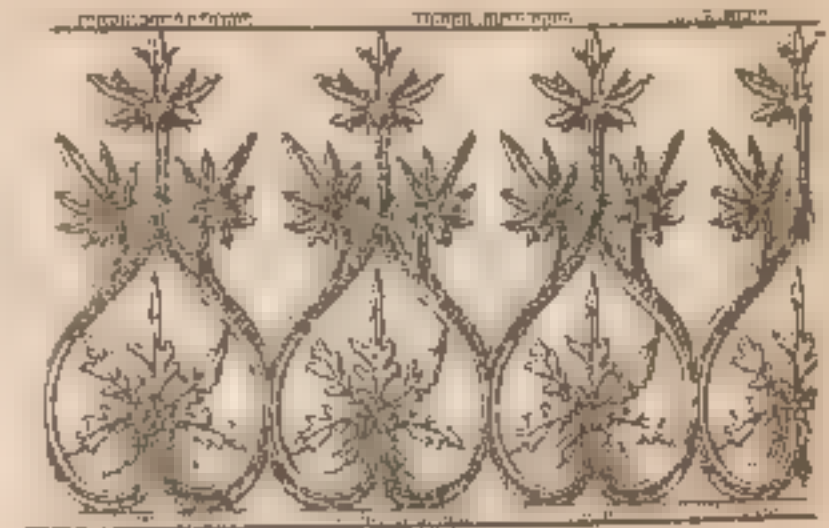


Any size to order

Nº 57 with Handrail loose.



Nº 65



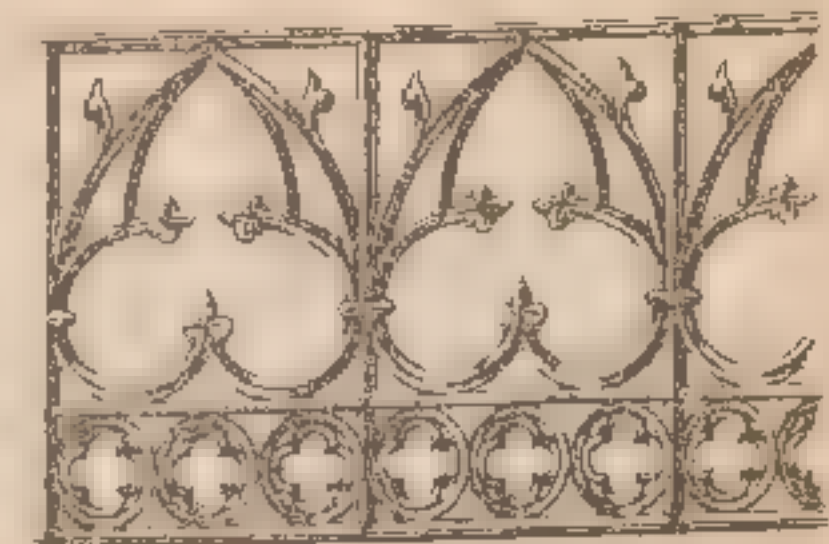
Nº 72



Nº 49



Nº 40



SCALE



2 3

4 FEET

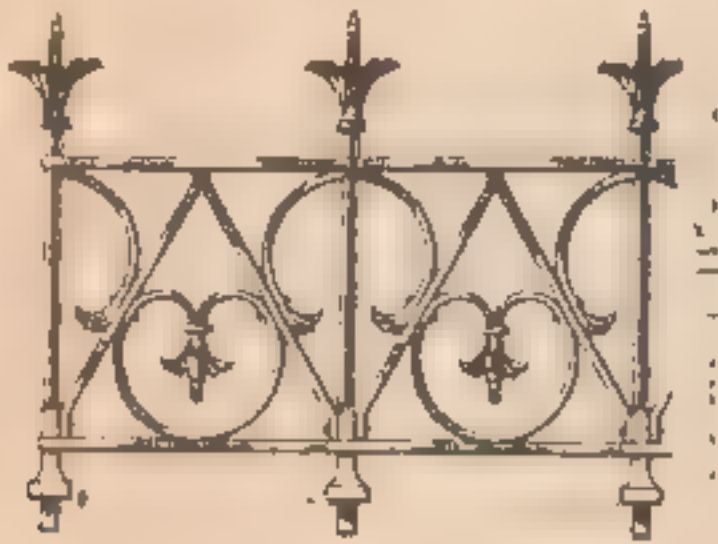
Nº 82



Nº 11



Nº 470



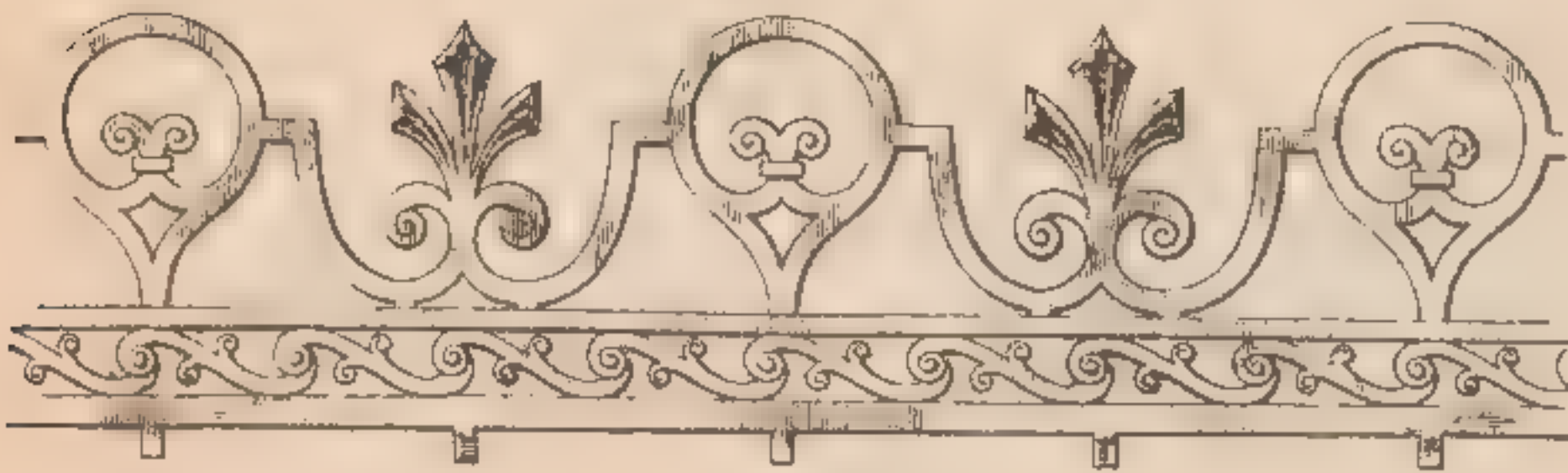
Nº 111



Nº 896



Nº 232



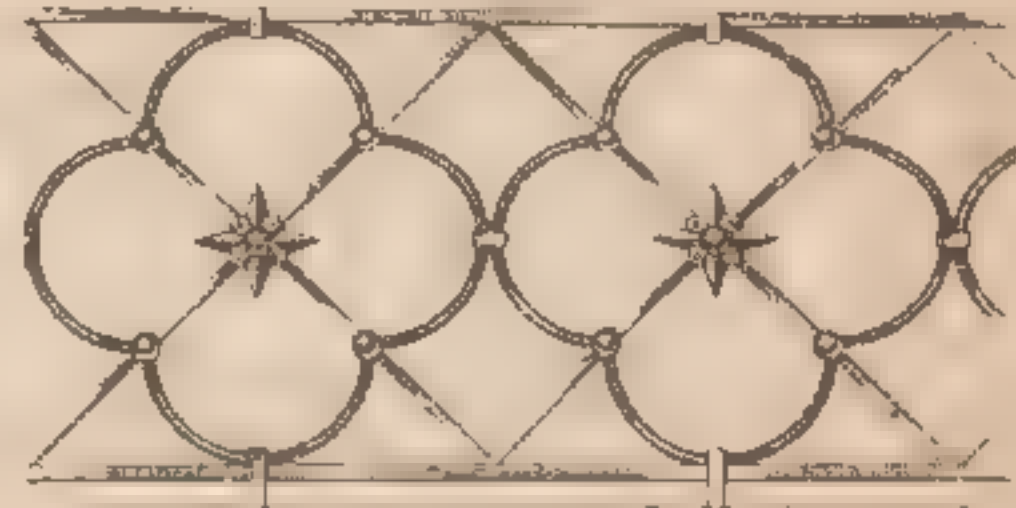
Nº 37



Nº 201



Nº 358



Nº 33



Nº 48



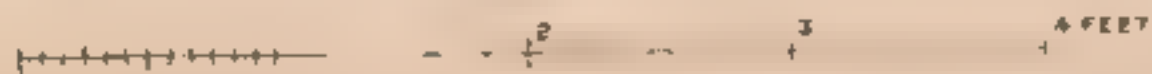
Nº 155



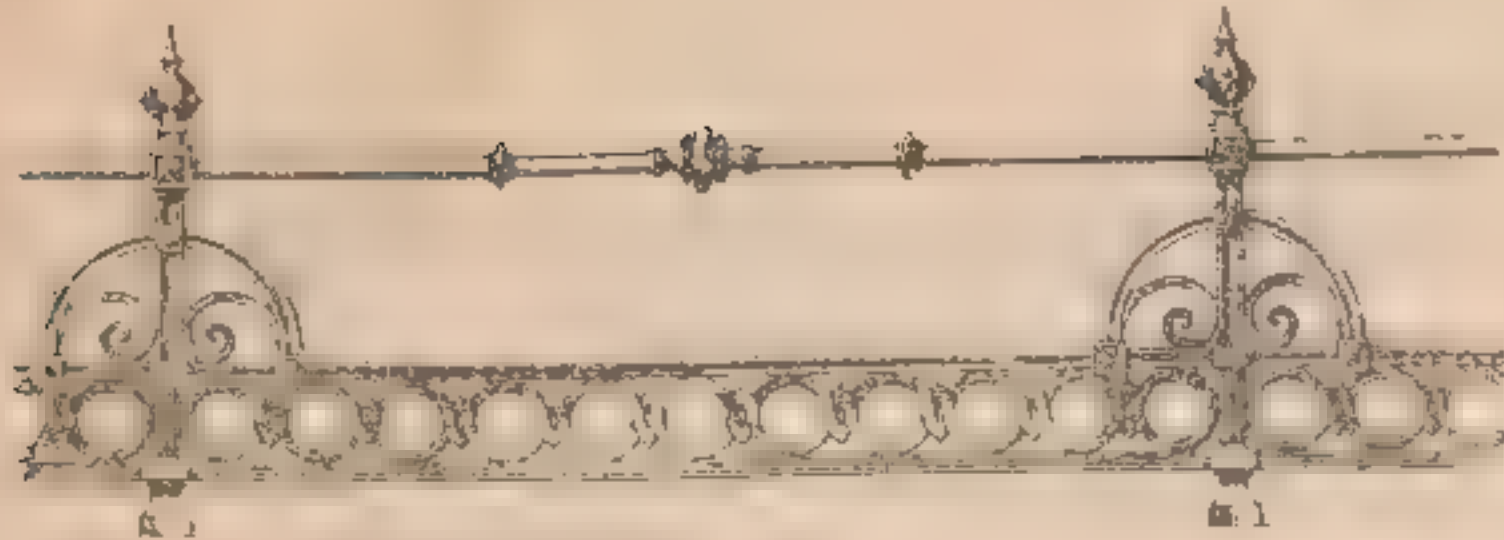
Nº 23



SCALE



Nº 978



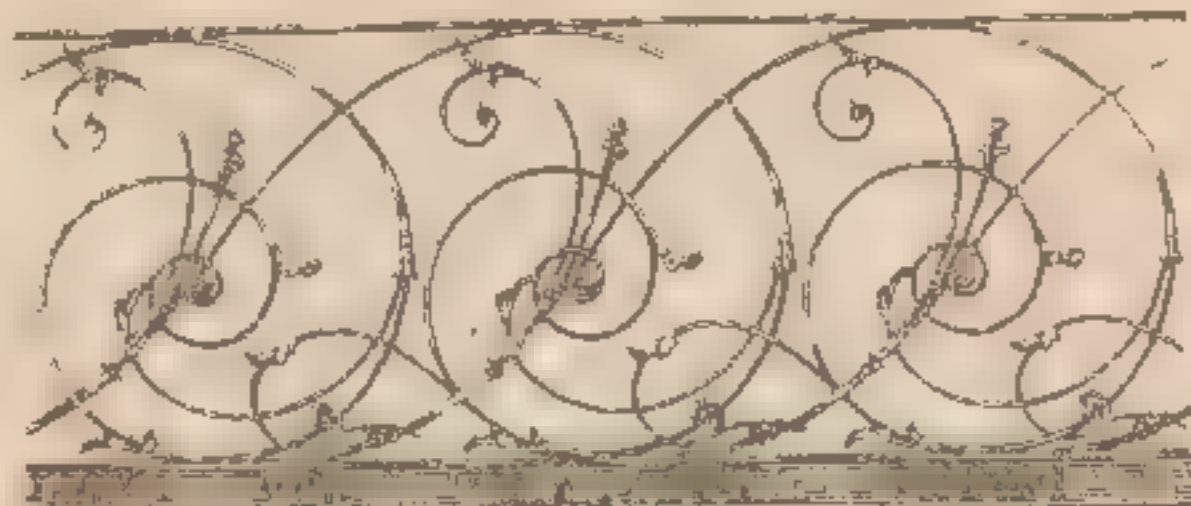
Nº 61



Nº 99



Nº 94R



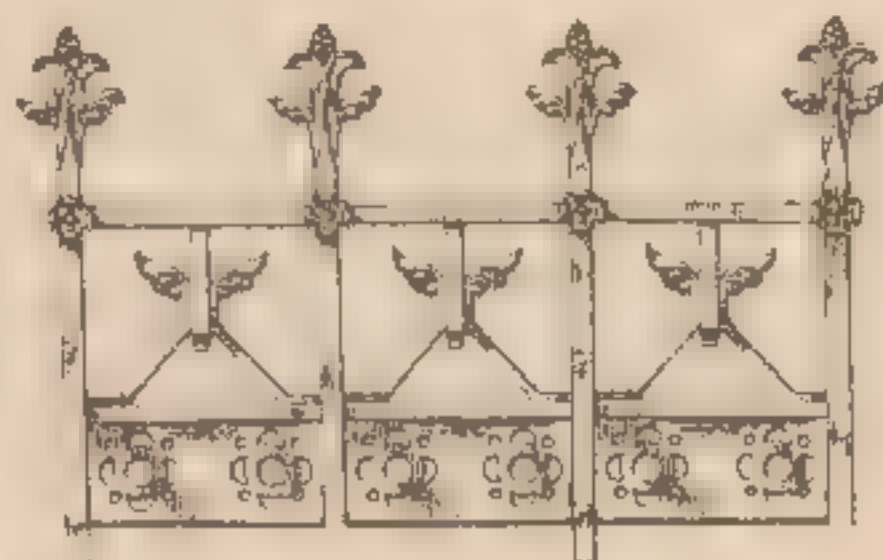
Nº 32.



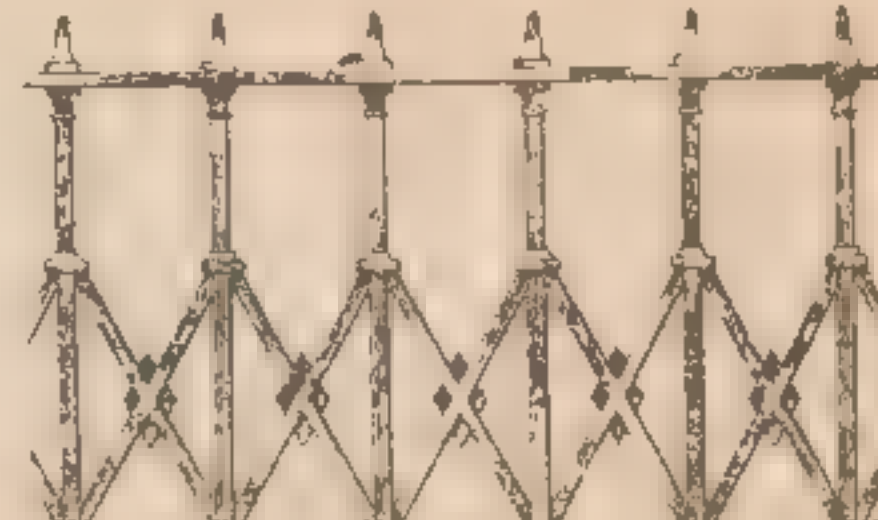
Nº 28



Nº. 91



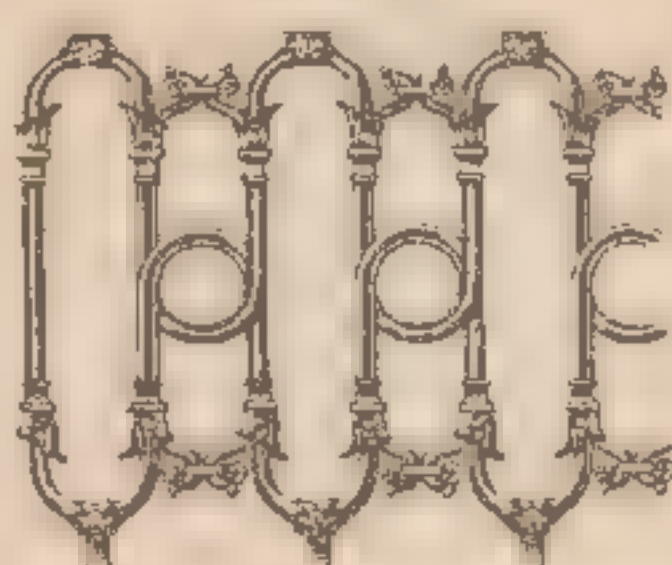
Nº 892



Nº 126



Nº 466



Nº 141



Nº 412



Nº 1142



Nº 143



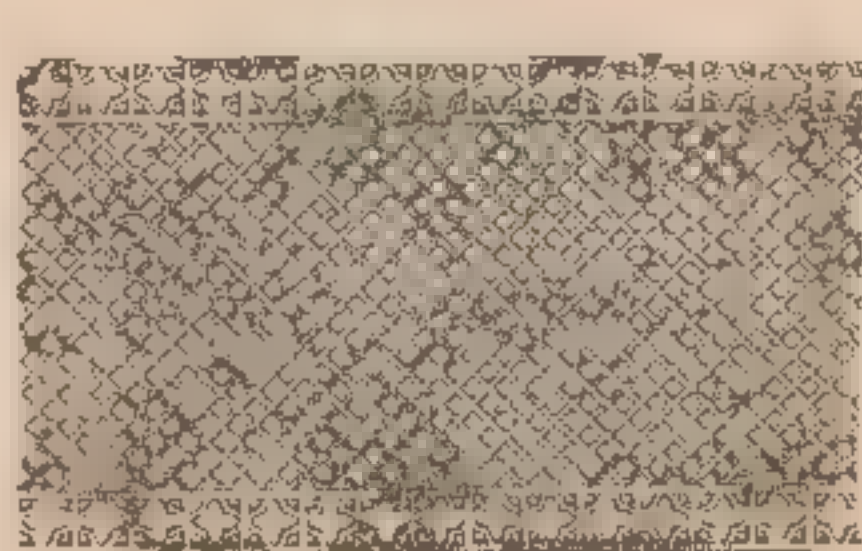
Nº 44



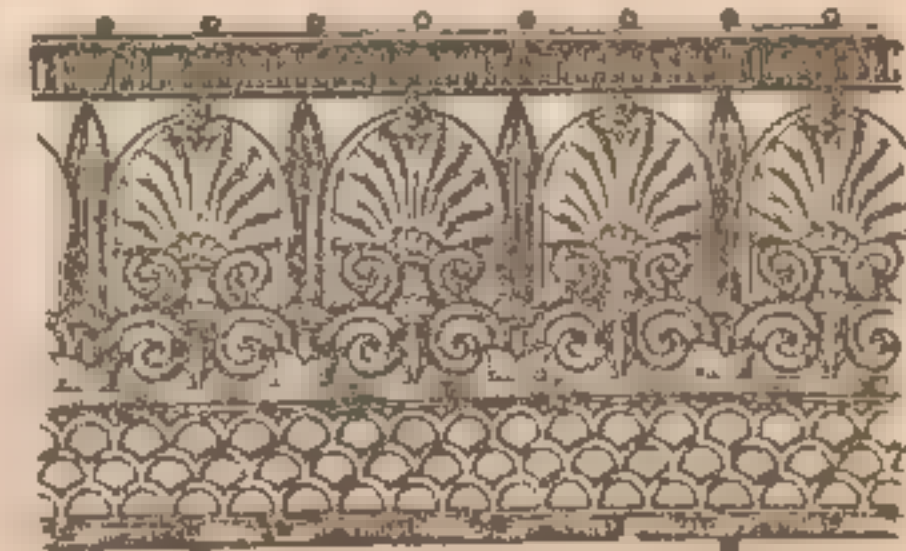
Nº 220



Nº 389



Nº 57 with No 8 Handra

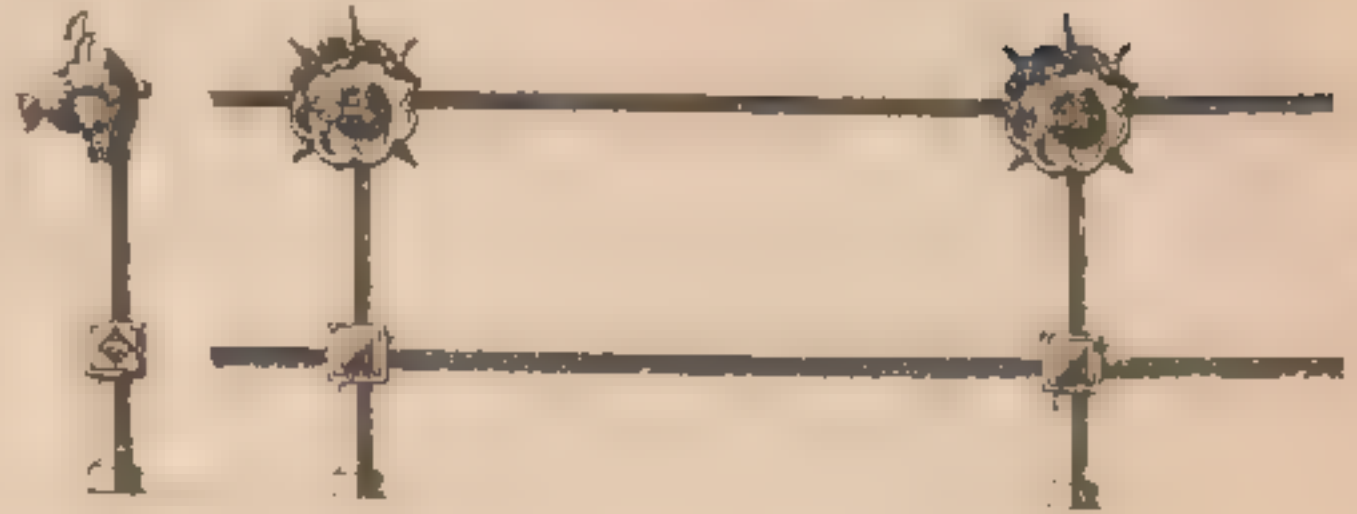


MACFARLANE'S GASTINGS — RAILING

Nº 1123



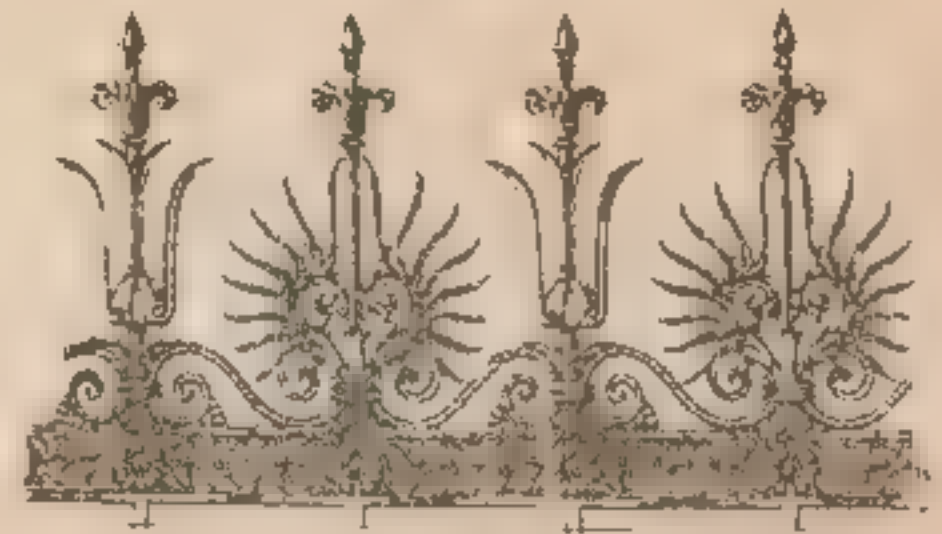
Nº 1059



Nº 1140



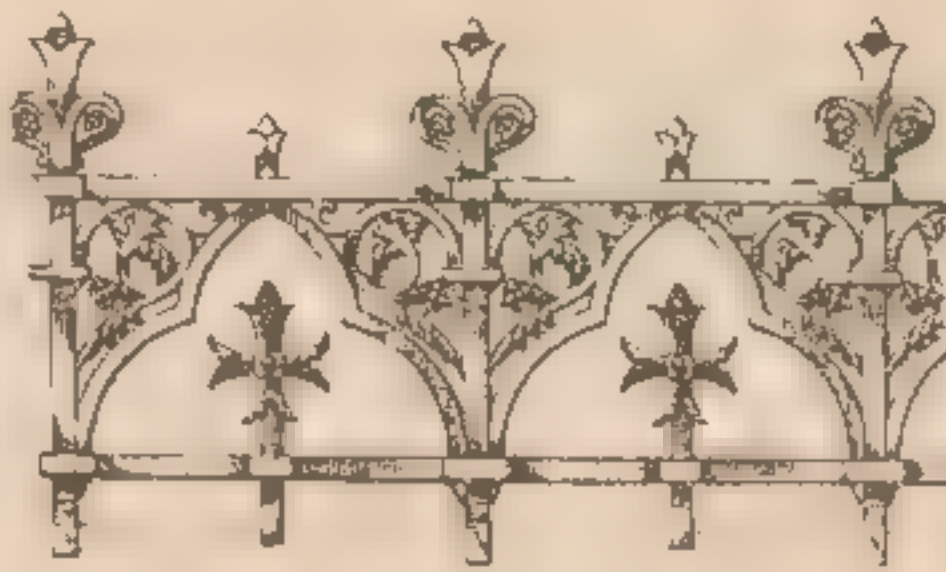
Nº 1066



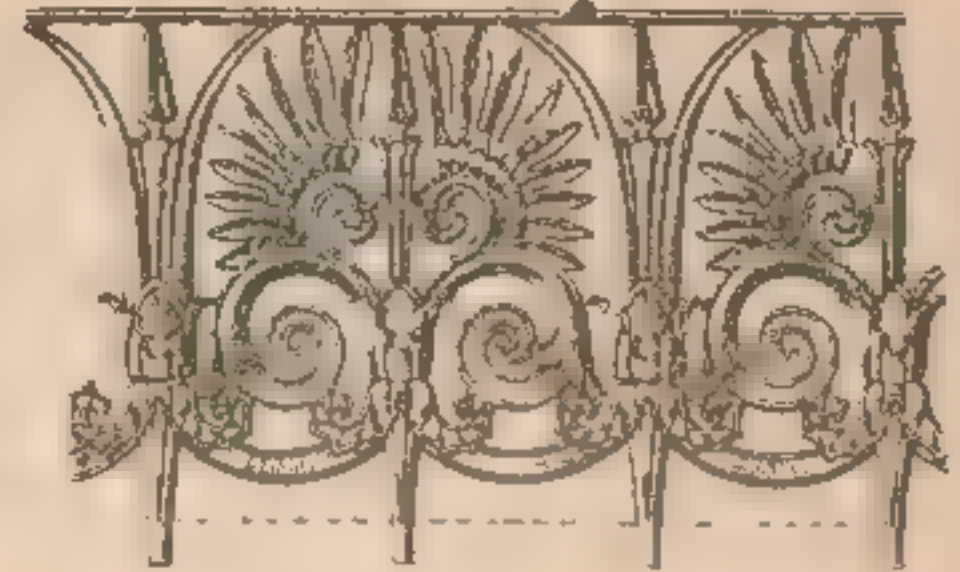
Nº 4



Nº 457



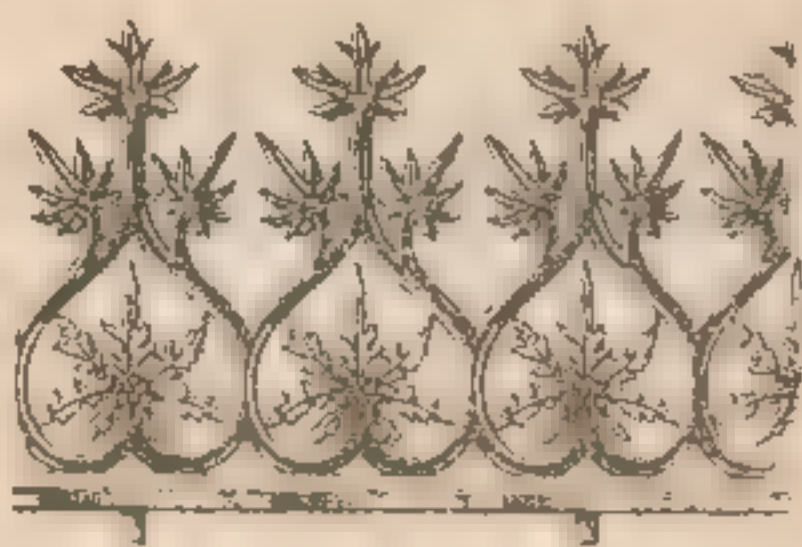
Nº 295



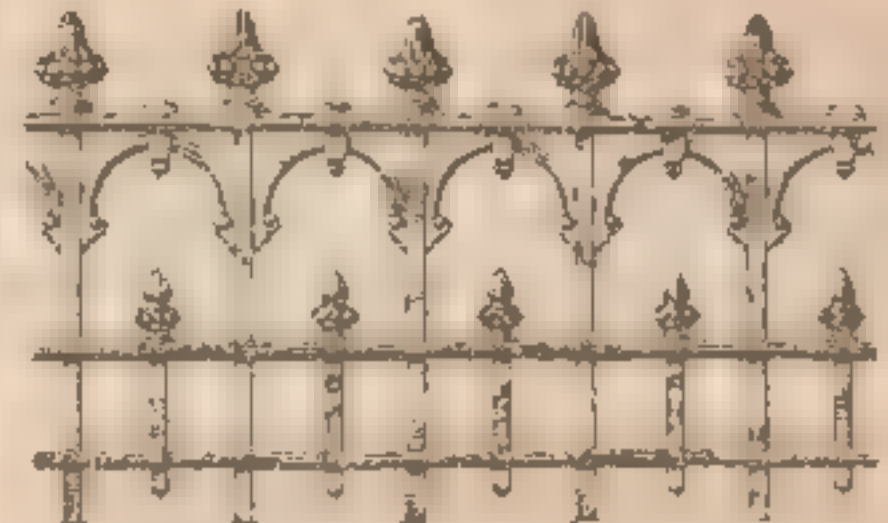
Nº 973



Nº 65



Nº 809



Nº 956

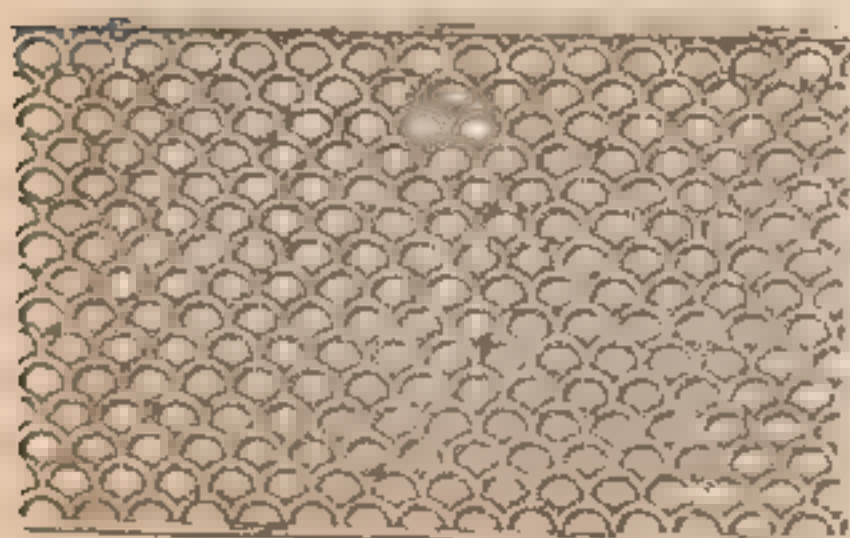


Nº 908

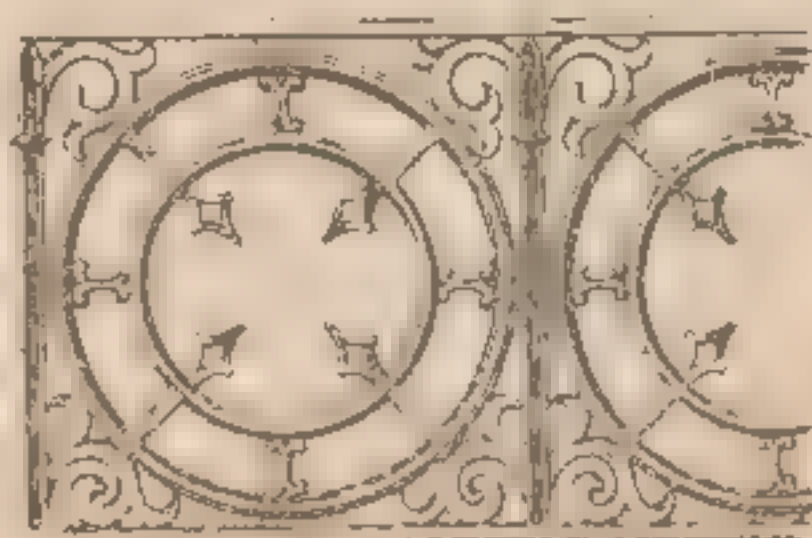


1 AND 2 FACES

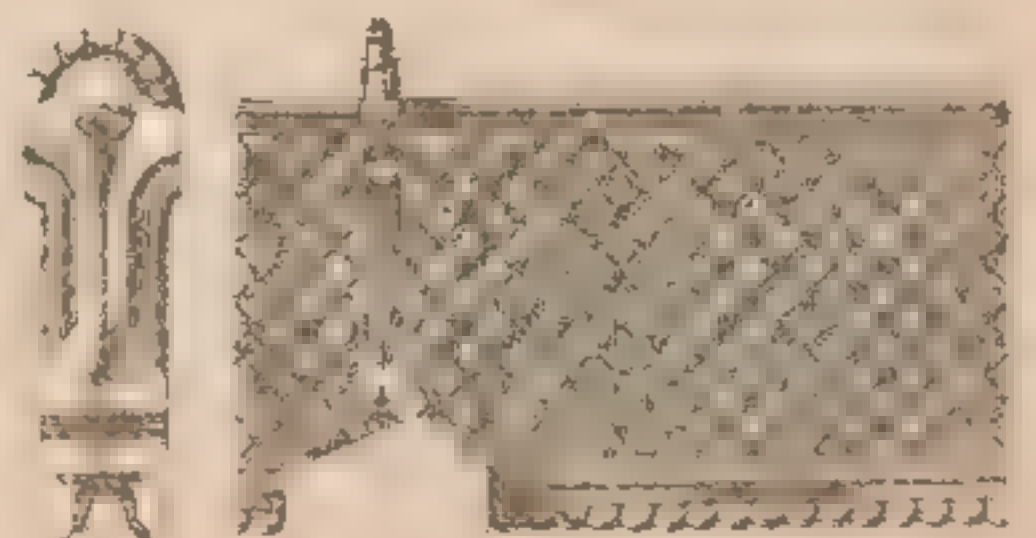
Nº 257



Nº 42



Nº 270

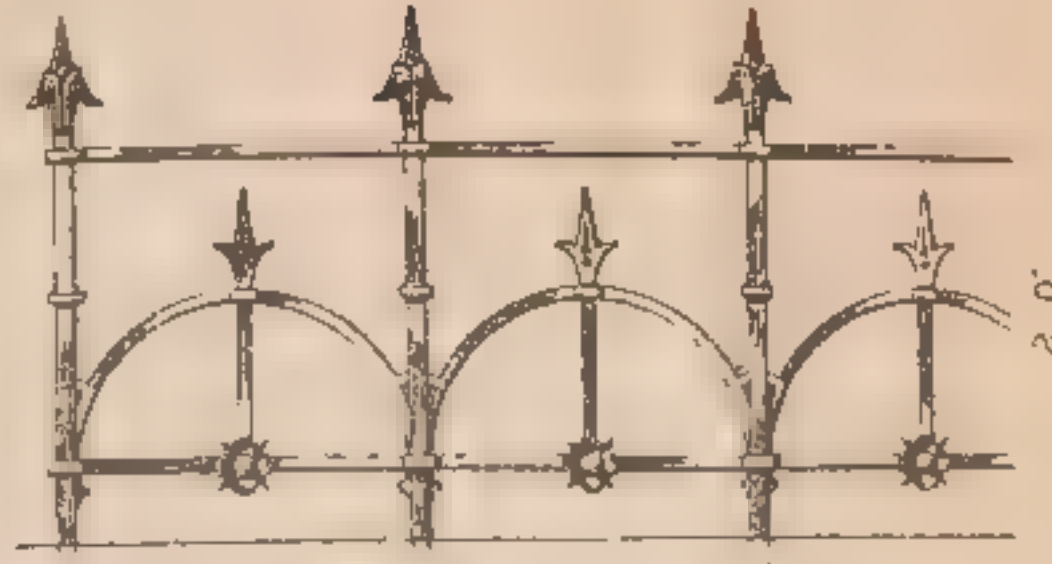


Standards repeat at any distance to order

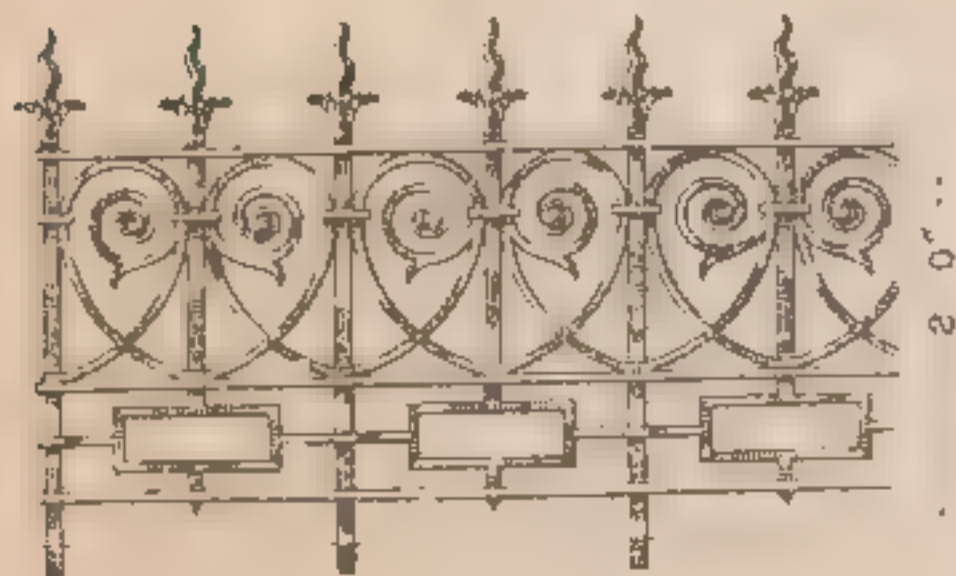
Nº 11



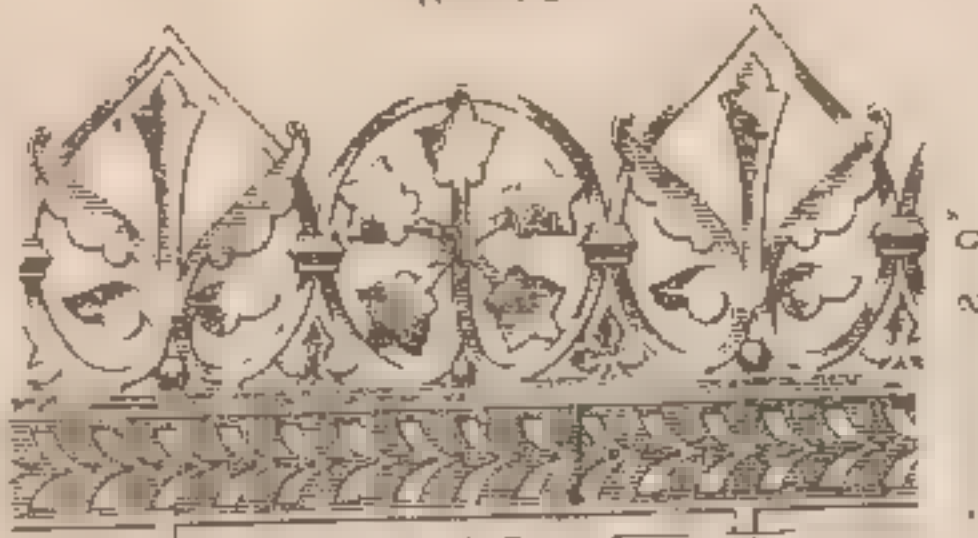
Nº 916



Nº 032



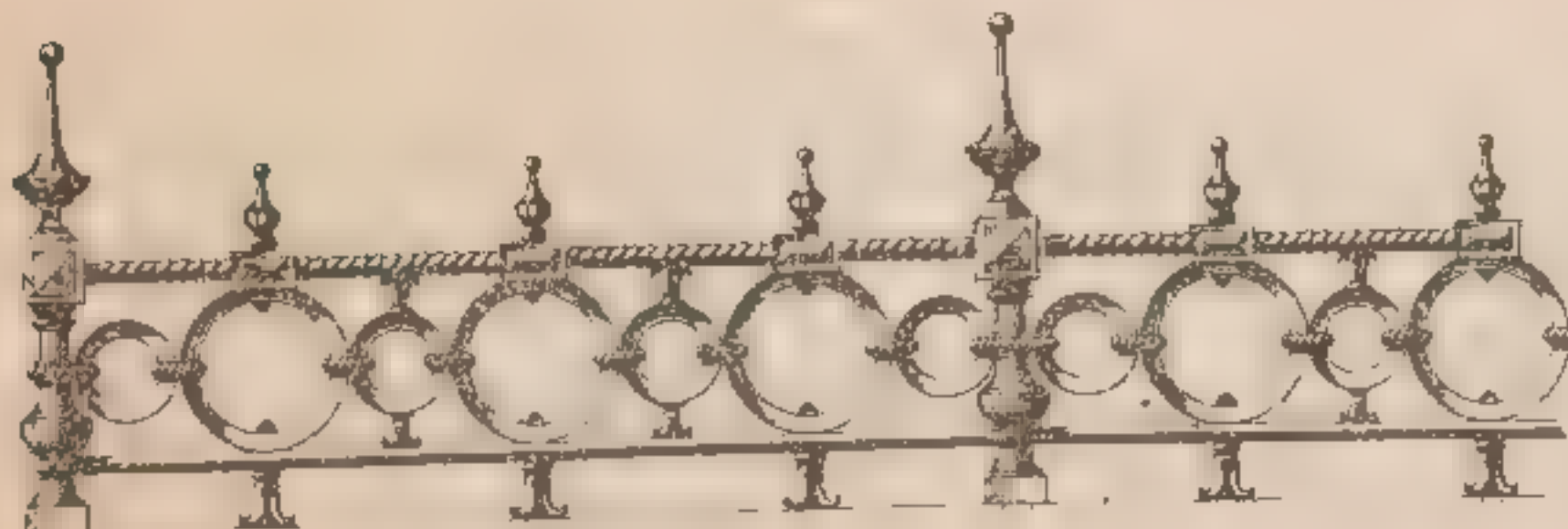
Nº 70



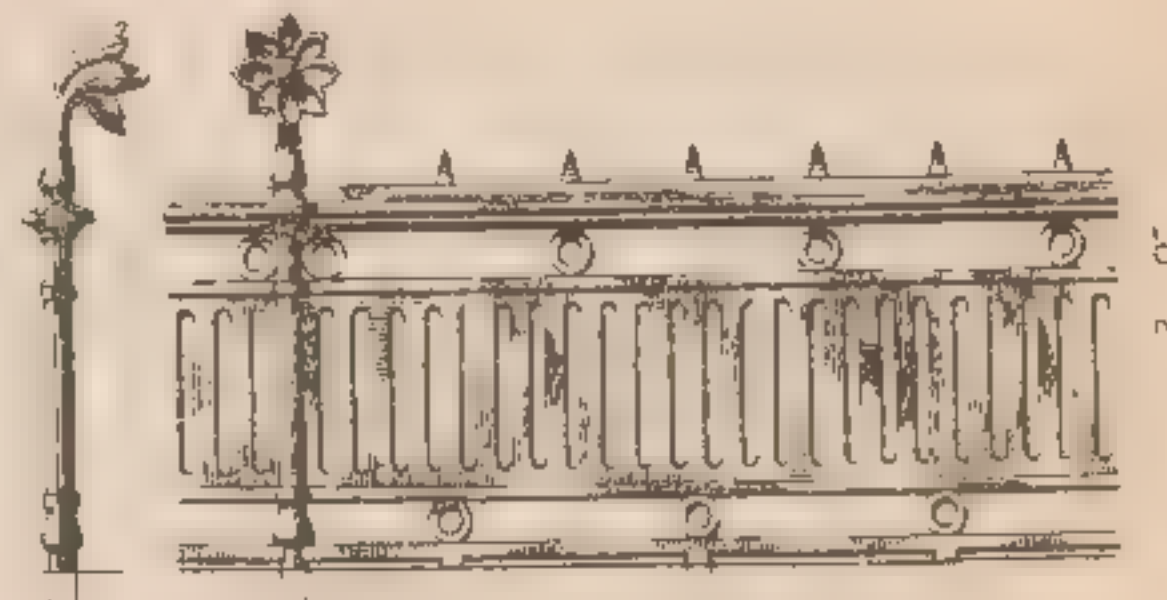
Nº 945



Nº 66

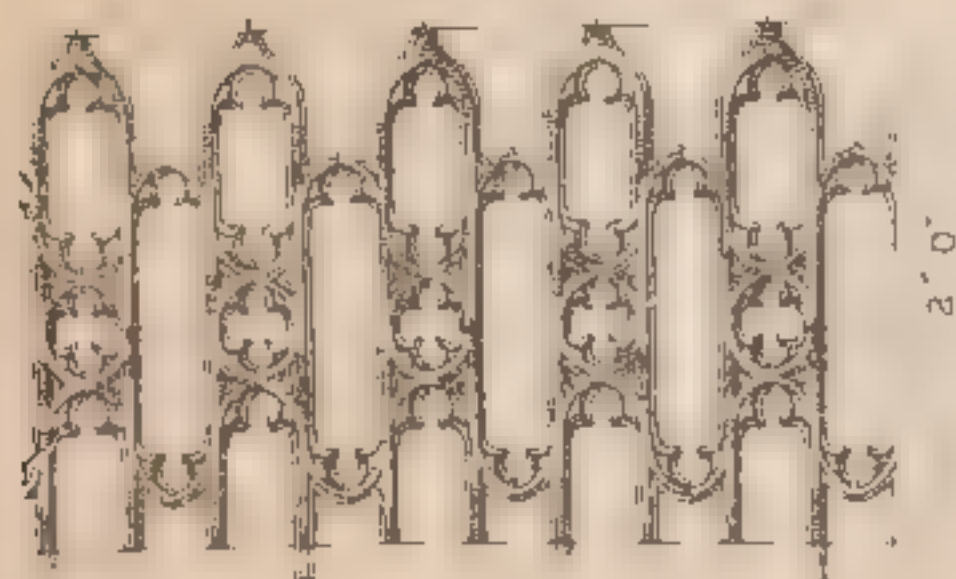


Nº 831



Standard repeats at 8 1/4" centres.

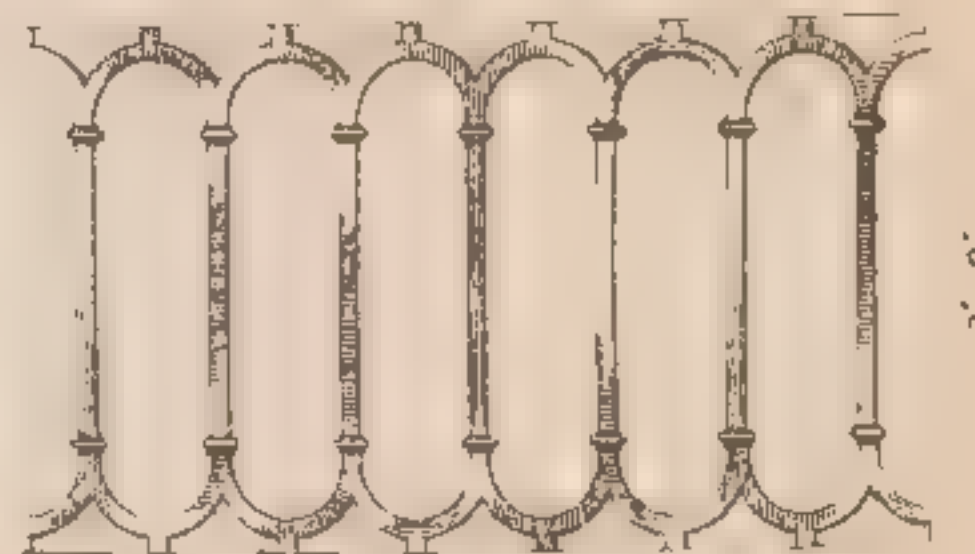
Nº 561



Nº 372



Nº 379



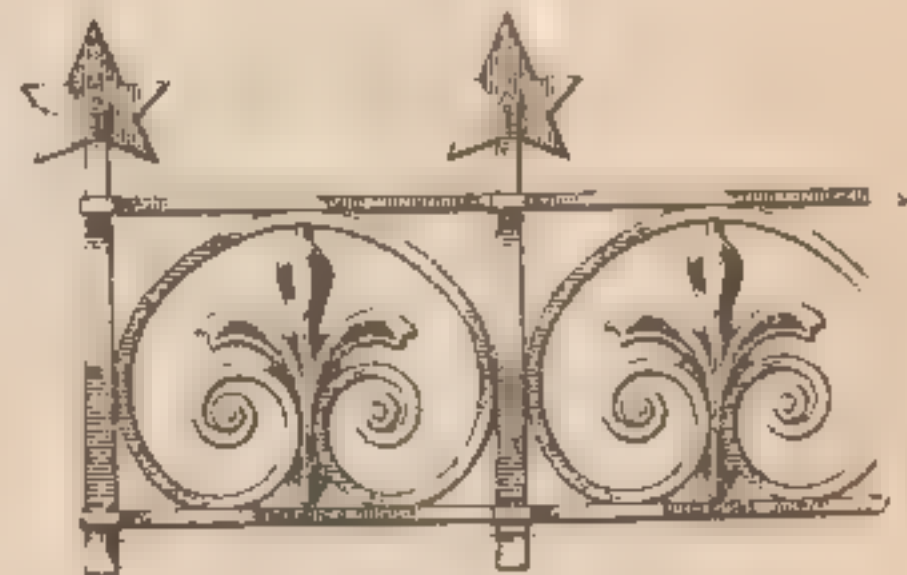
Nº 49



Nº 163



Nº 148



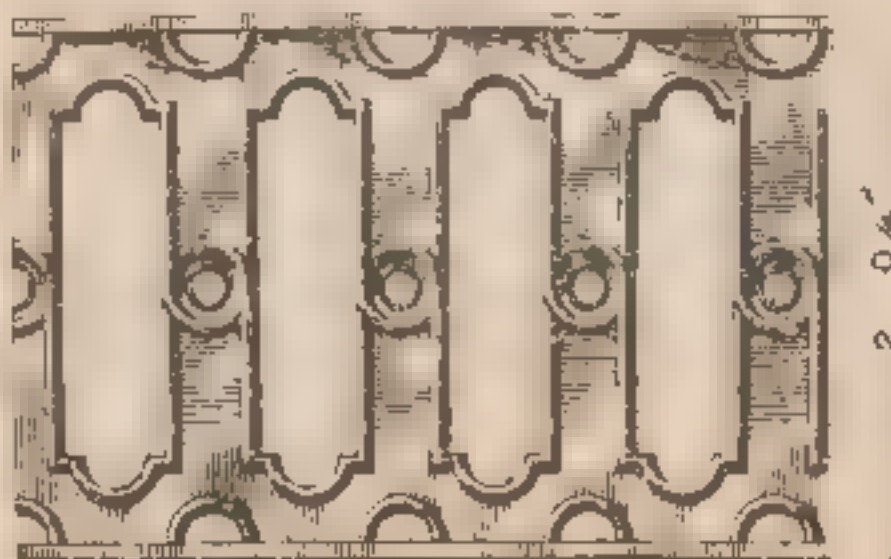
AND 2 FACES

Also with large Centre Ornament and Standards see page 267

Nº 436



Nº 327



Nº 190



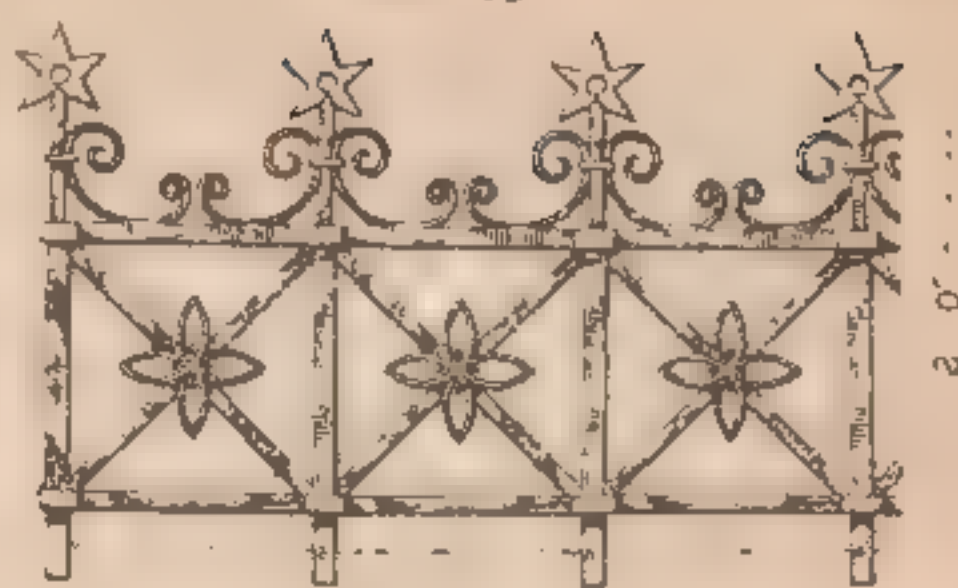
SCALE



Nº 188



Nº 113



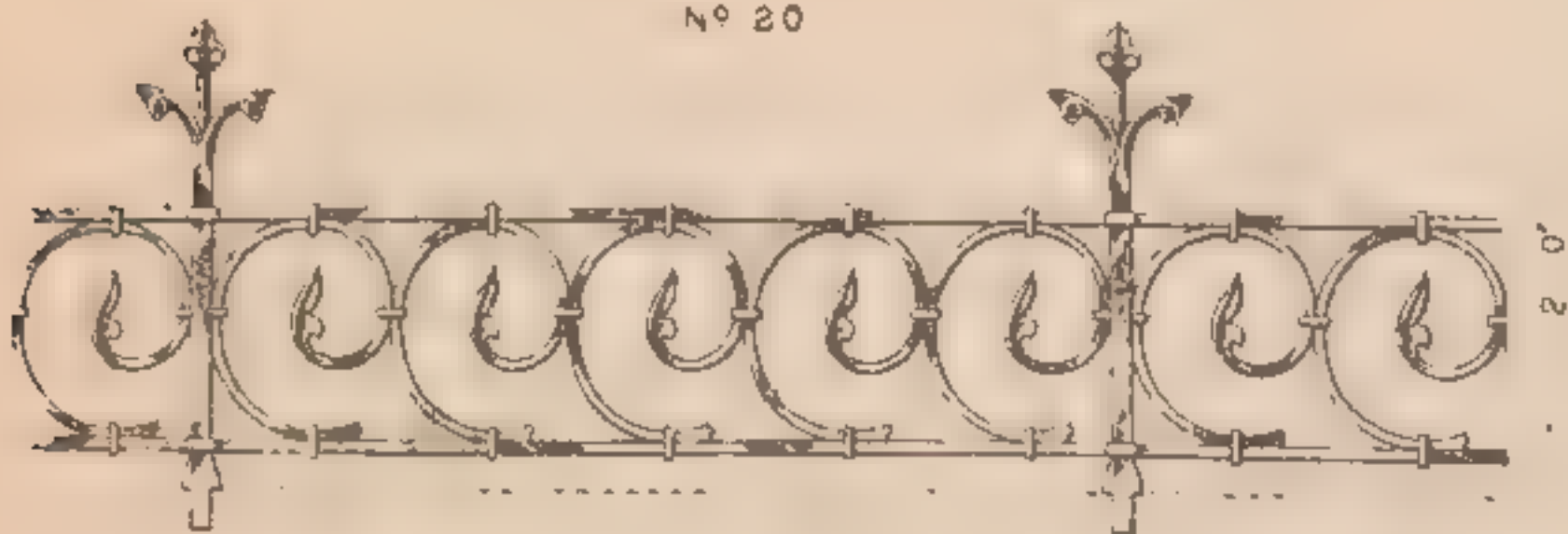
Nº 471



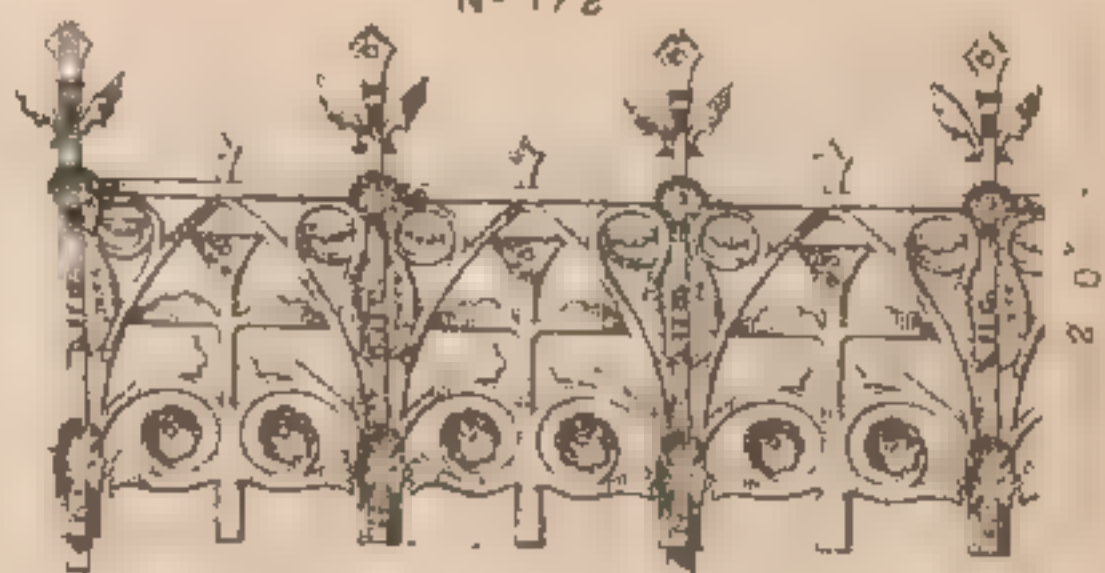
Nº 800



Nº 20



Nº 172



Nº 413



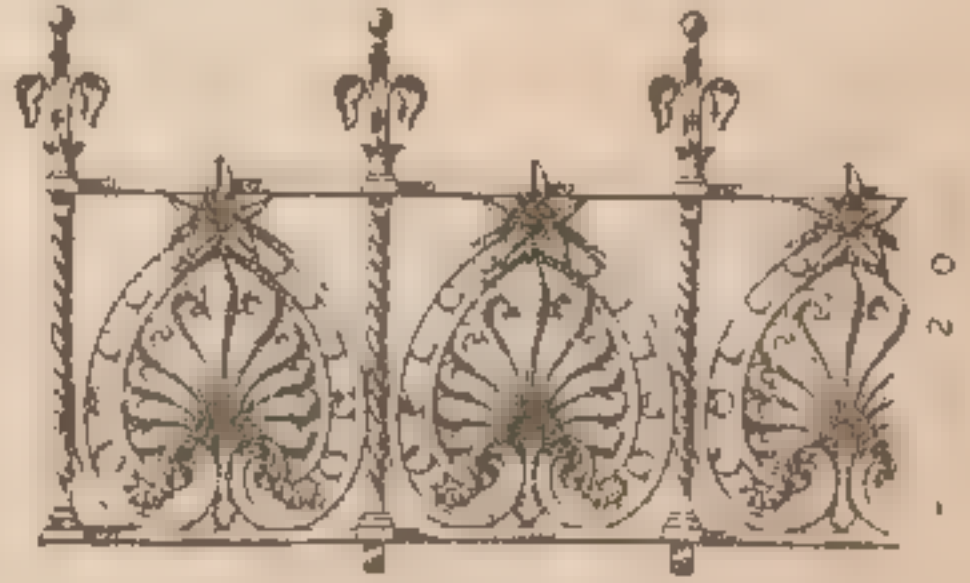
Nº 1007



Nº 39



Nº 156



Nº 46



Nº 153



Nº 401



1 FACE

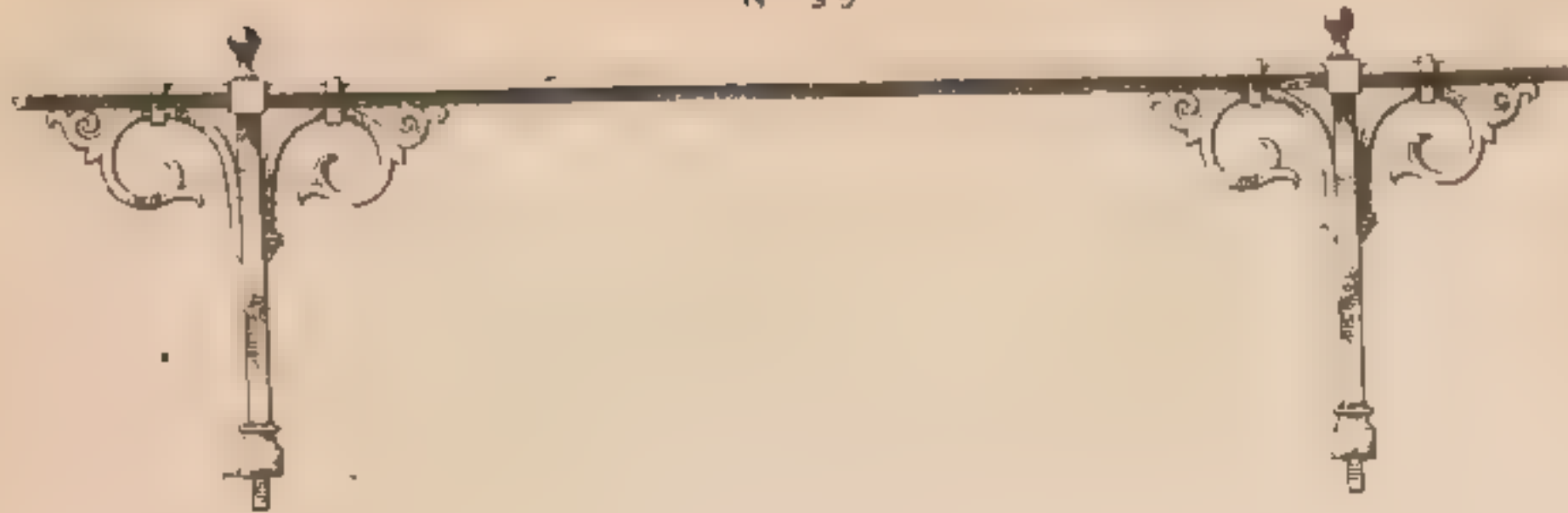
1 AND 2 FACES

Also with large Centre Ornament and Standards see page 273

SCALE



Nº 99



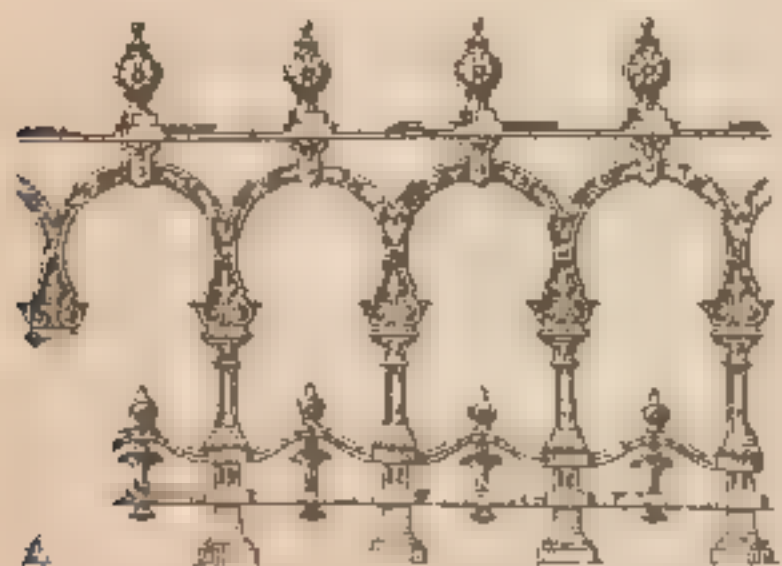
20

Nº 920



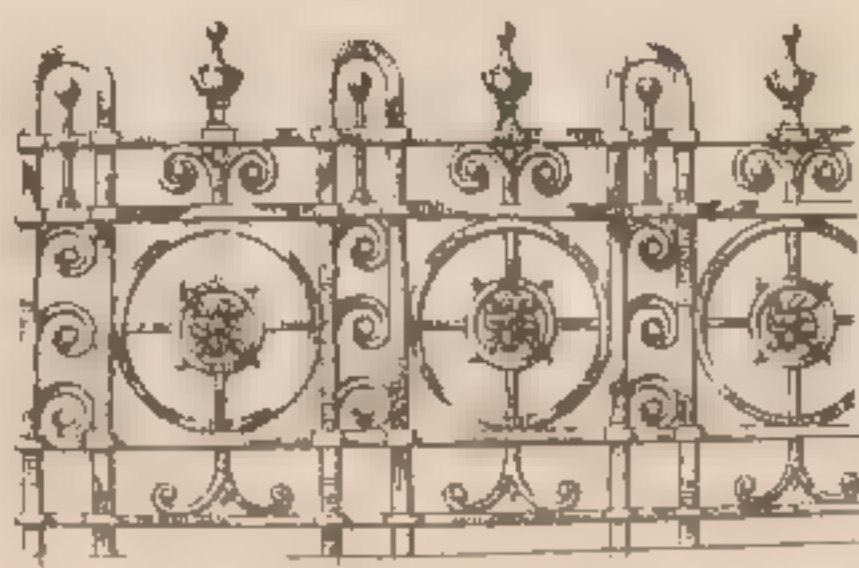
20

Nº 125



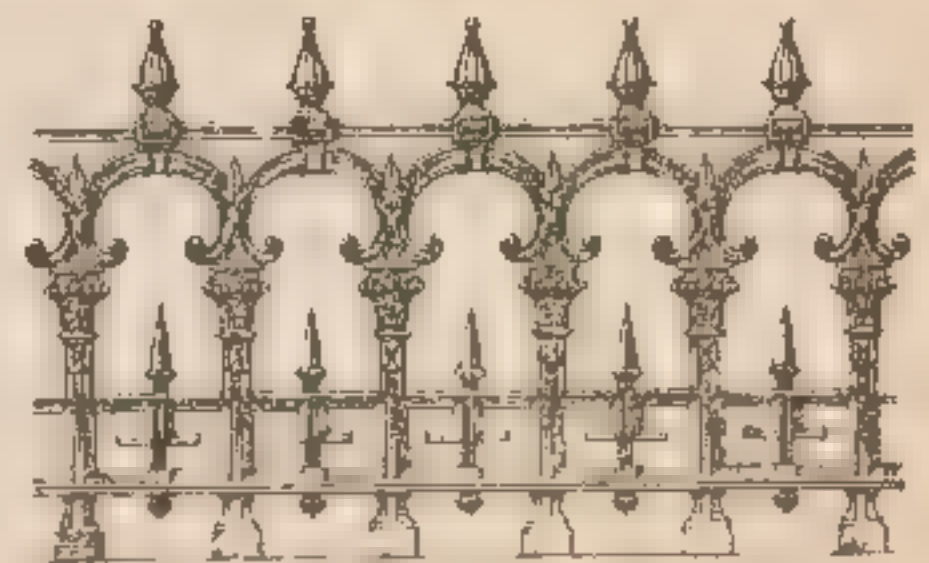
20

Nº 894



20

Nº 126



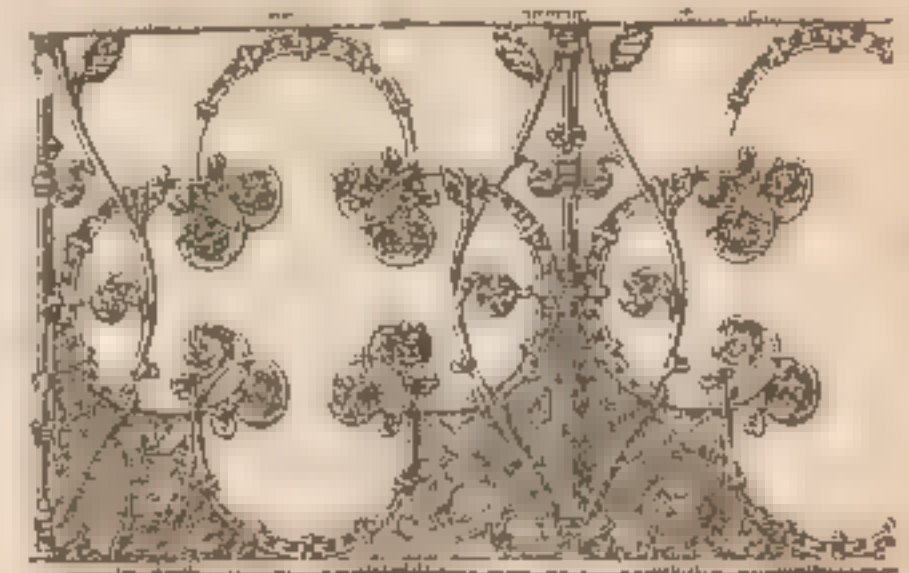
20

Nº 907



20

Nº 45



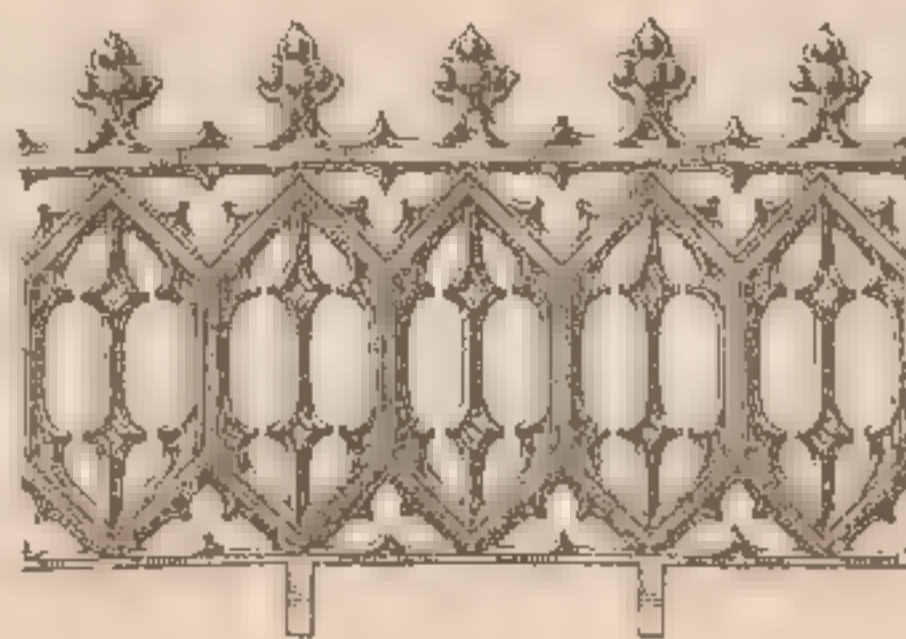
20

Nº 41



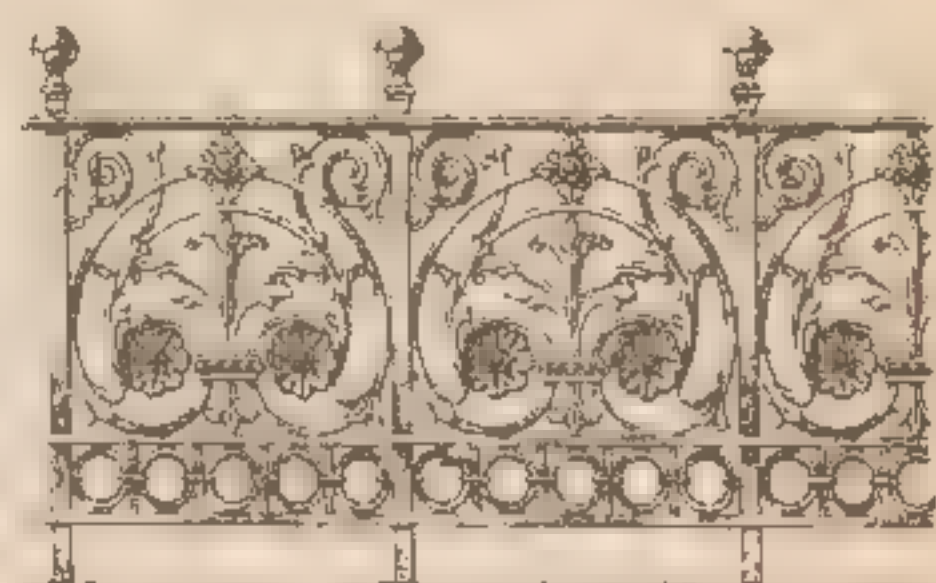
20

Nº 790



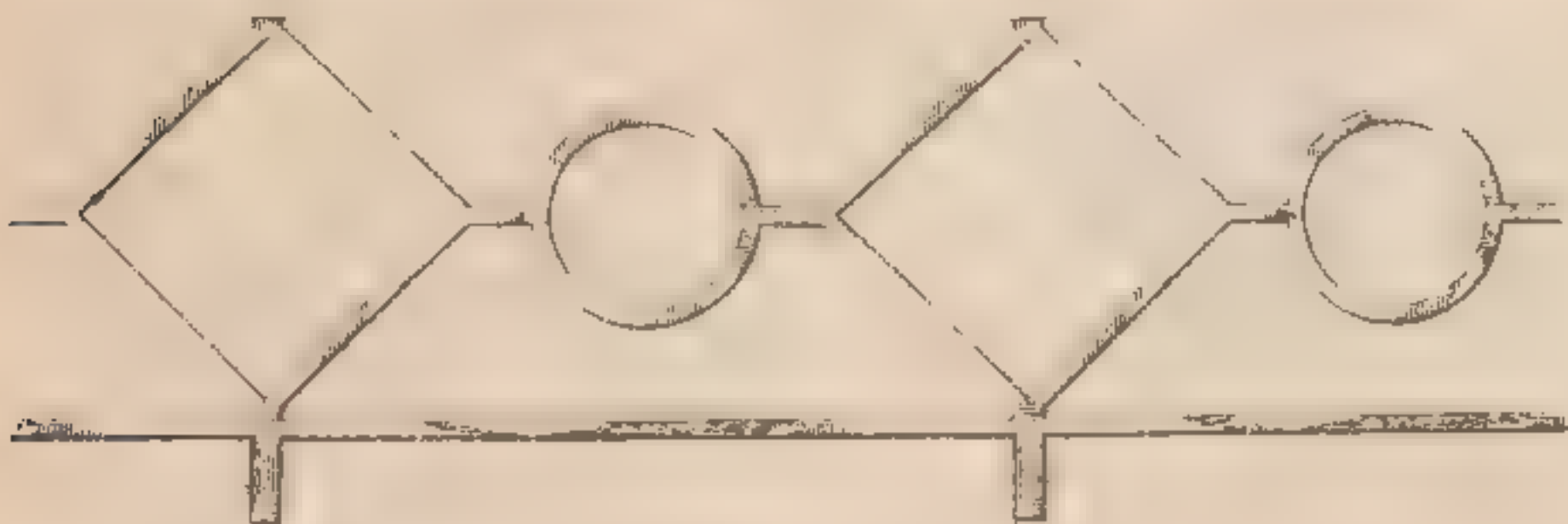
2

Nº 096



20

Nº 402



2

Nº 73

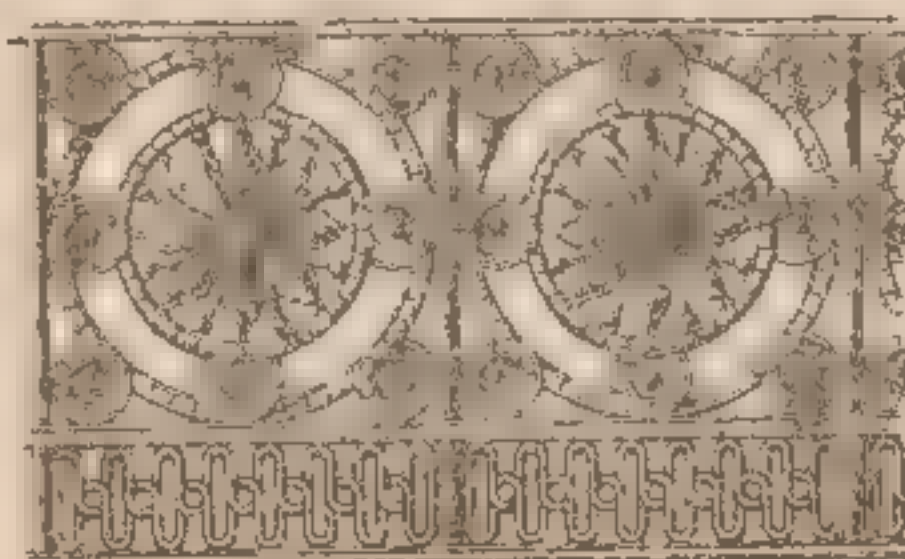


20

Nº 1070



Nº 53



20

Nº 68



20

SCALE

2

3

4 FEET

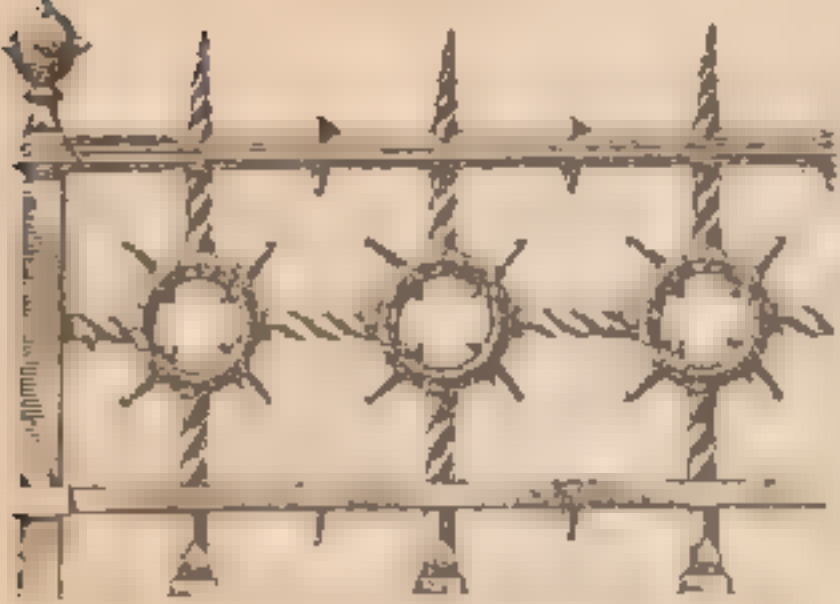
Nº 145



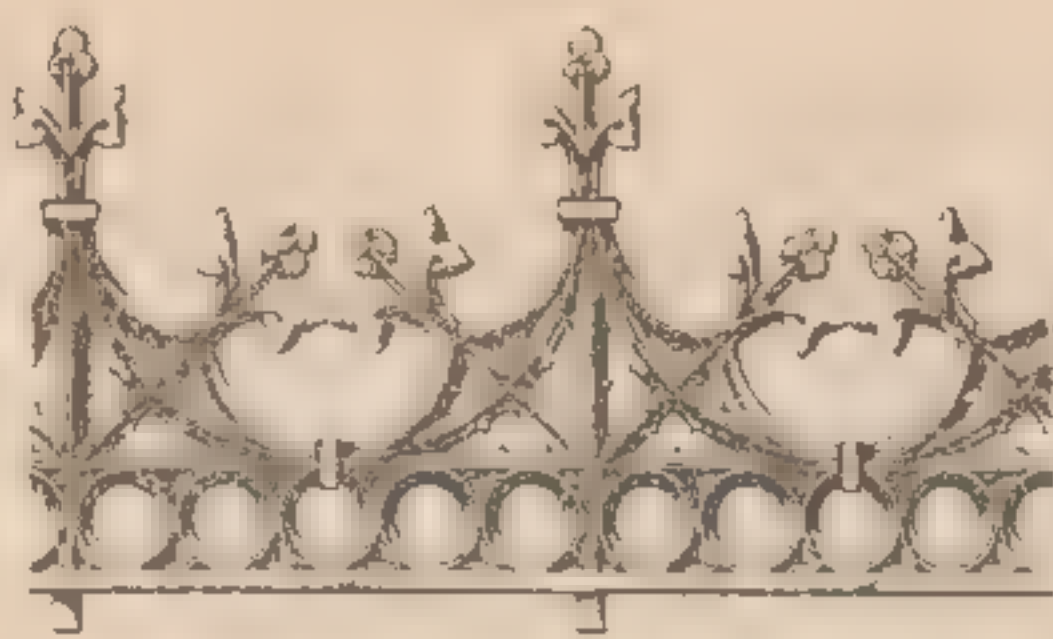
Nº 73



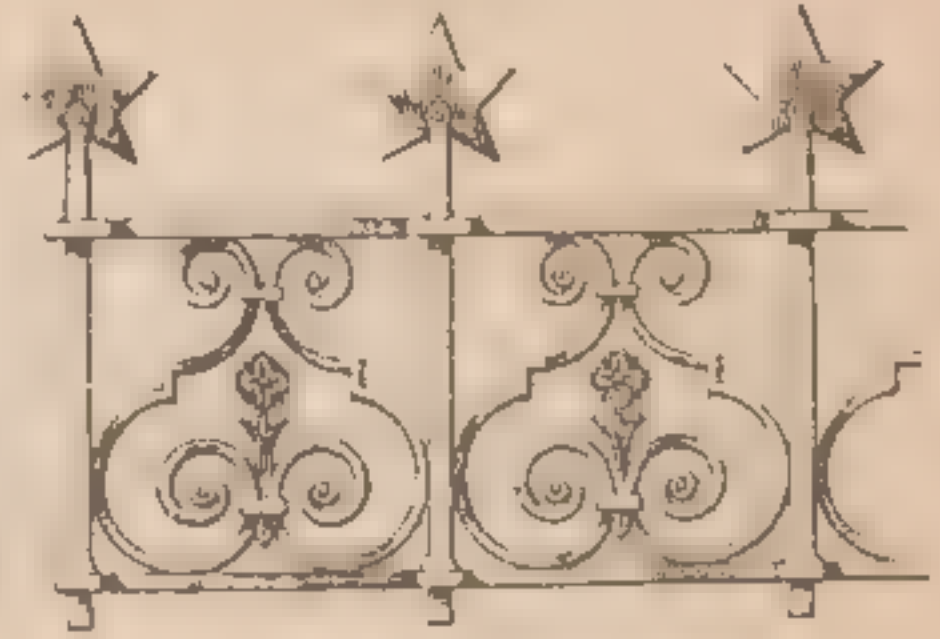
Nº 74



Nº 23

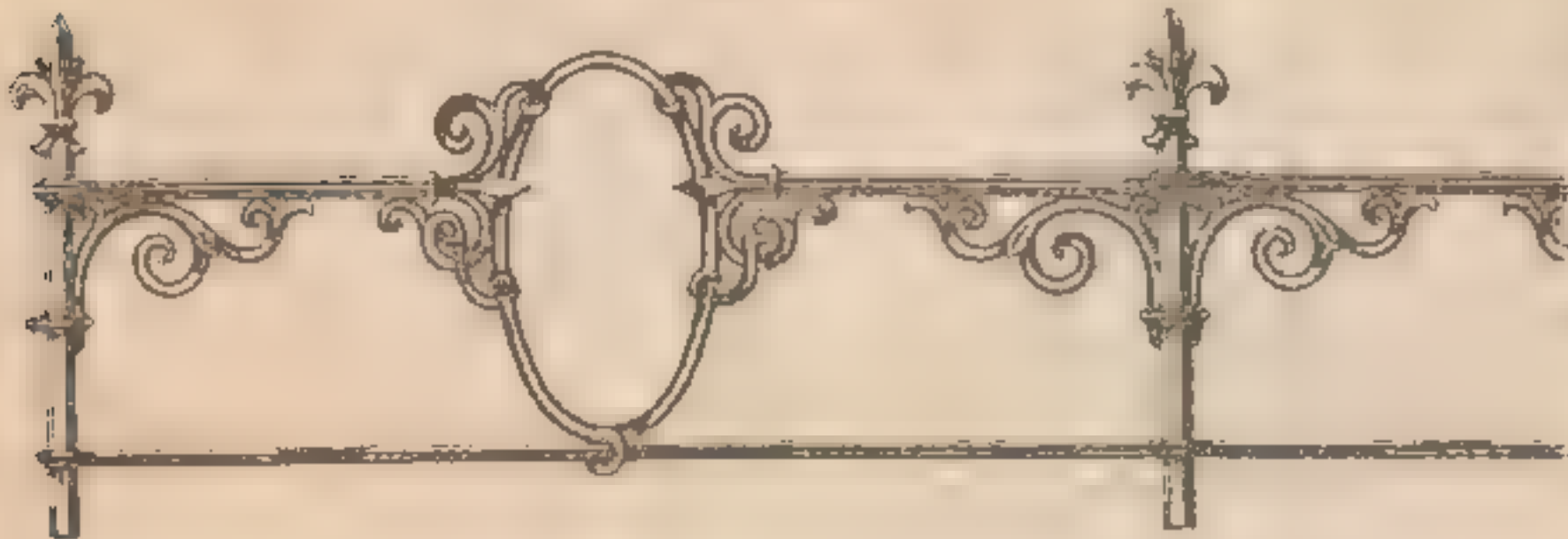


Nº 84

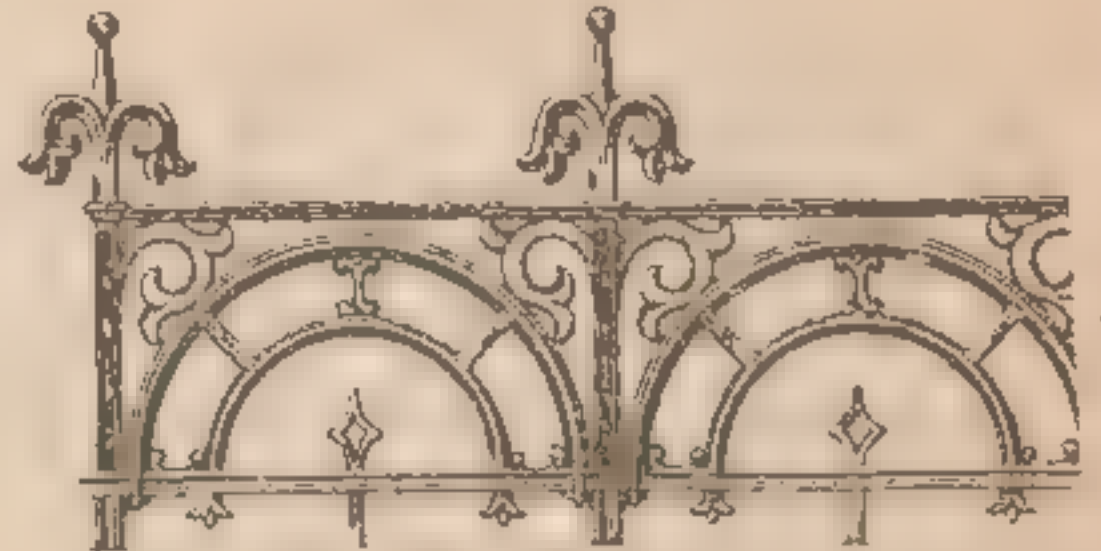


See also page 210

Nº 18



Nº 42



Nº 25



Nº 52



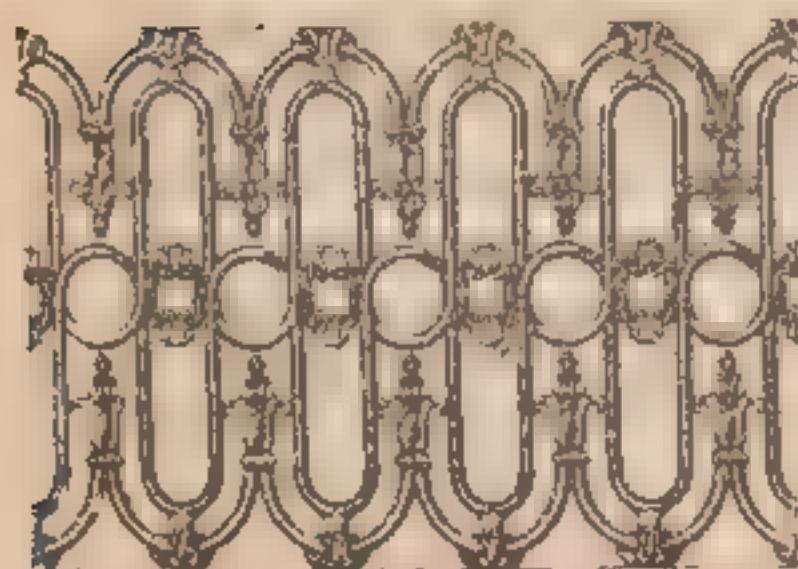
Nº 976



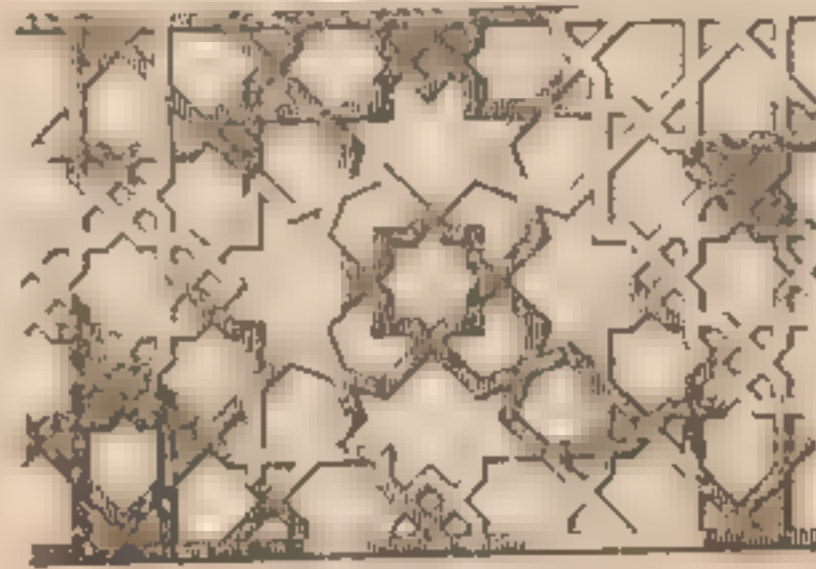
Nº 95



Nº 299



Nº 776



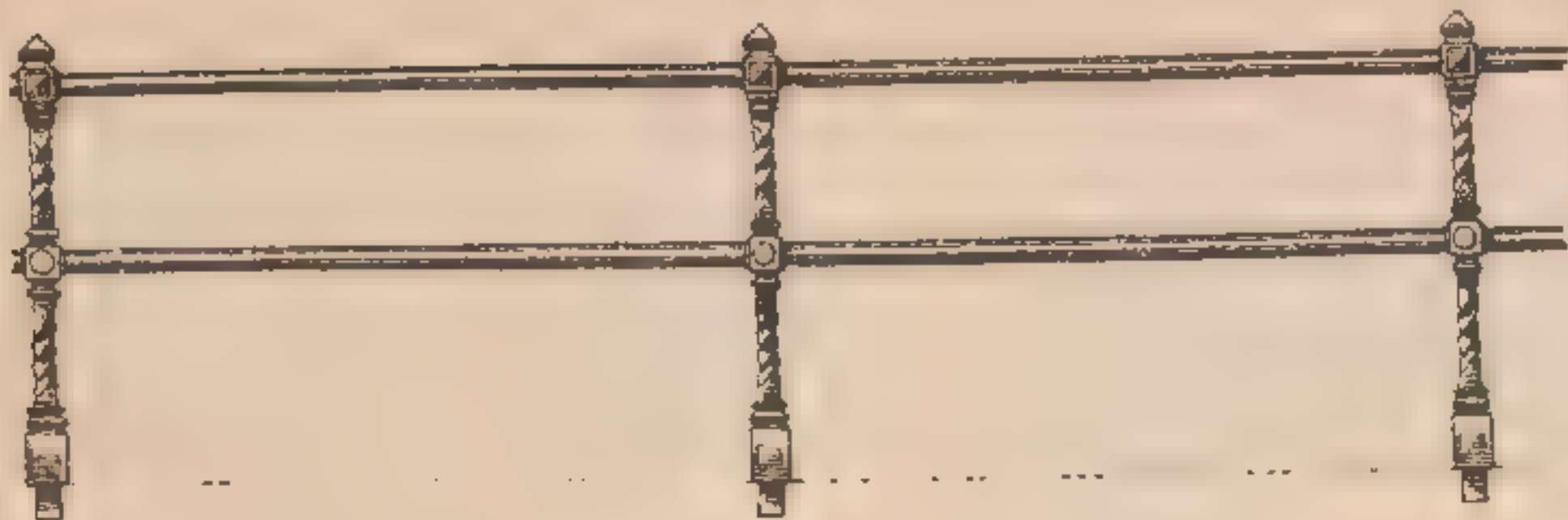
Nº 134



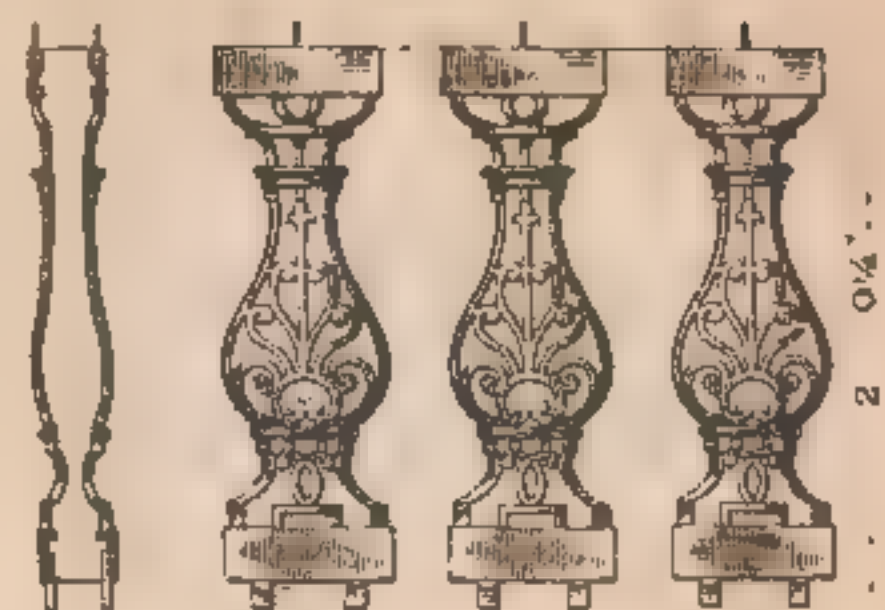
SCALE

FACE

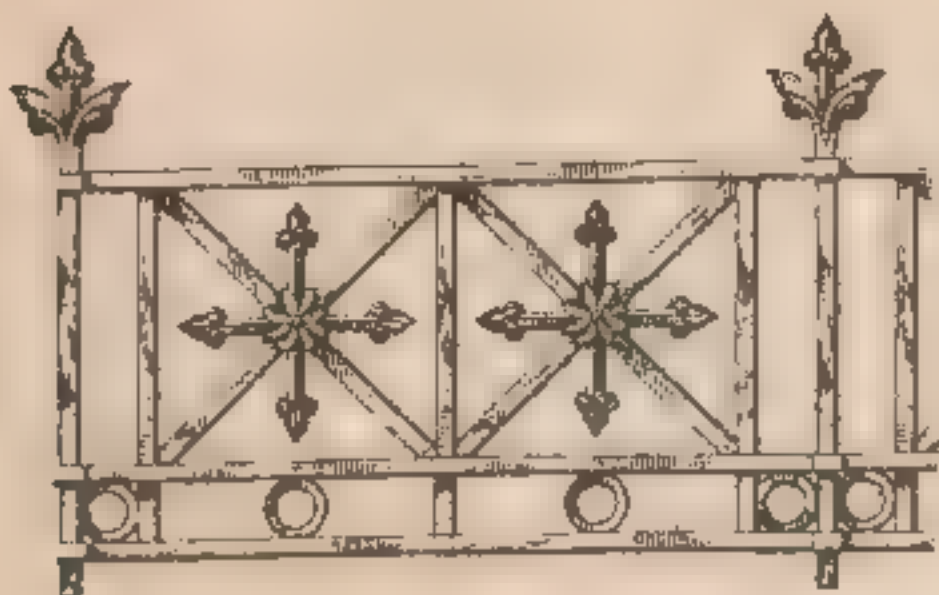
Nº 434



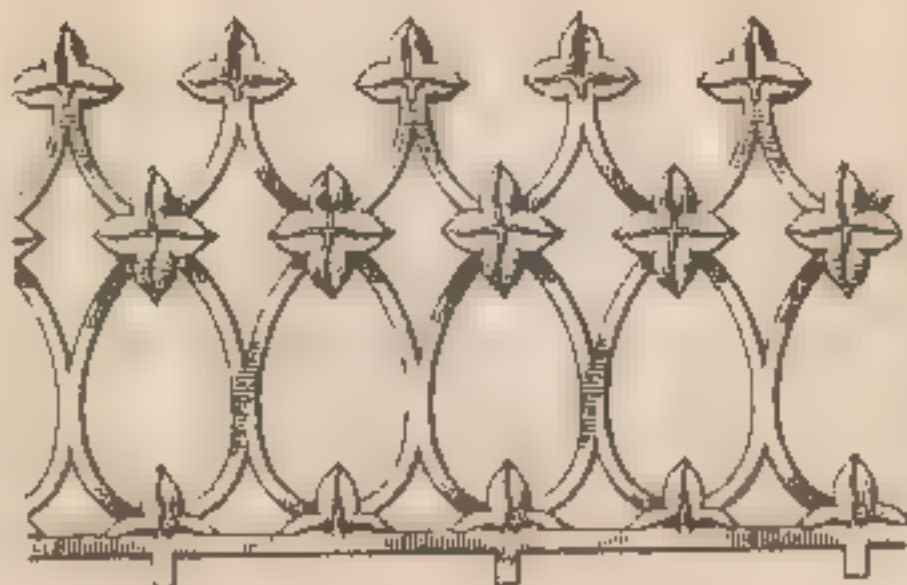
Nº 416



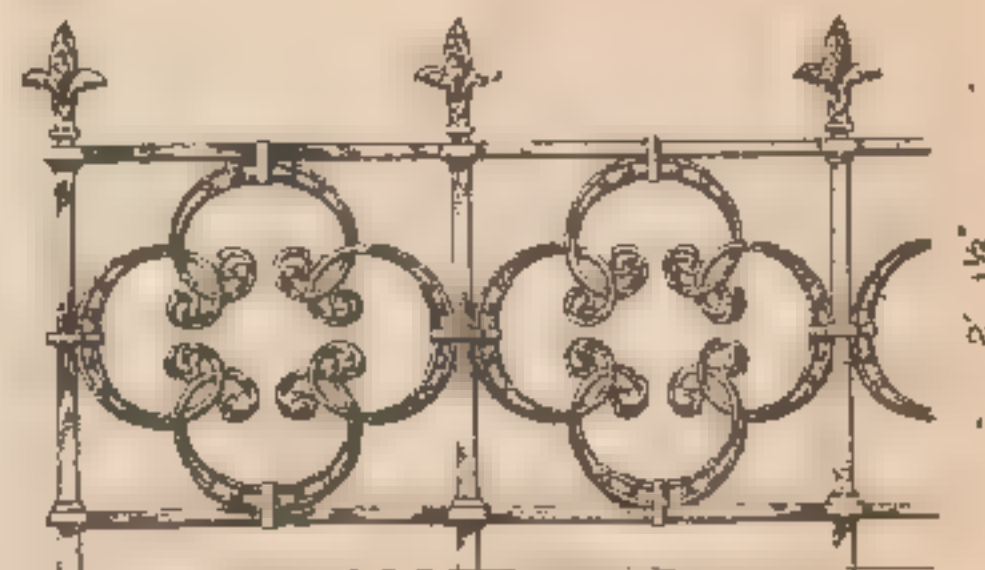
Nº 214



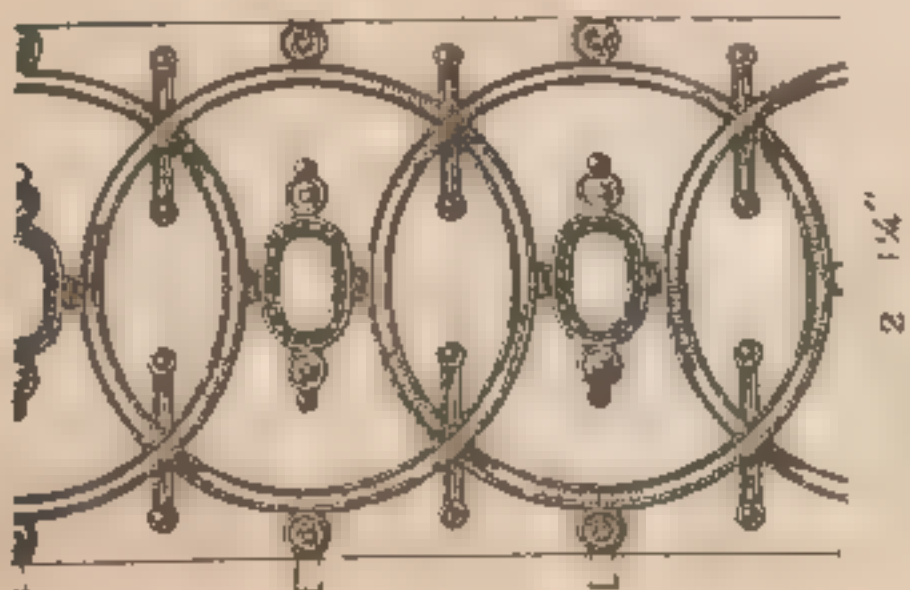
Nº 165



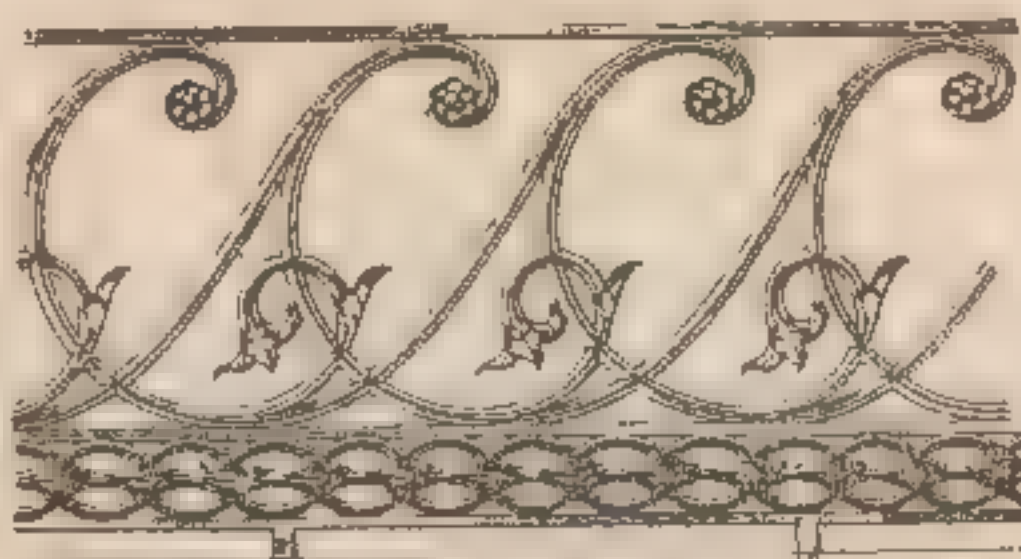
Nº 45



Nº 278



Nº 802



Nº 80



Nº 118



Nº 40



Nº 81

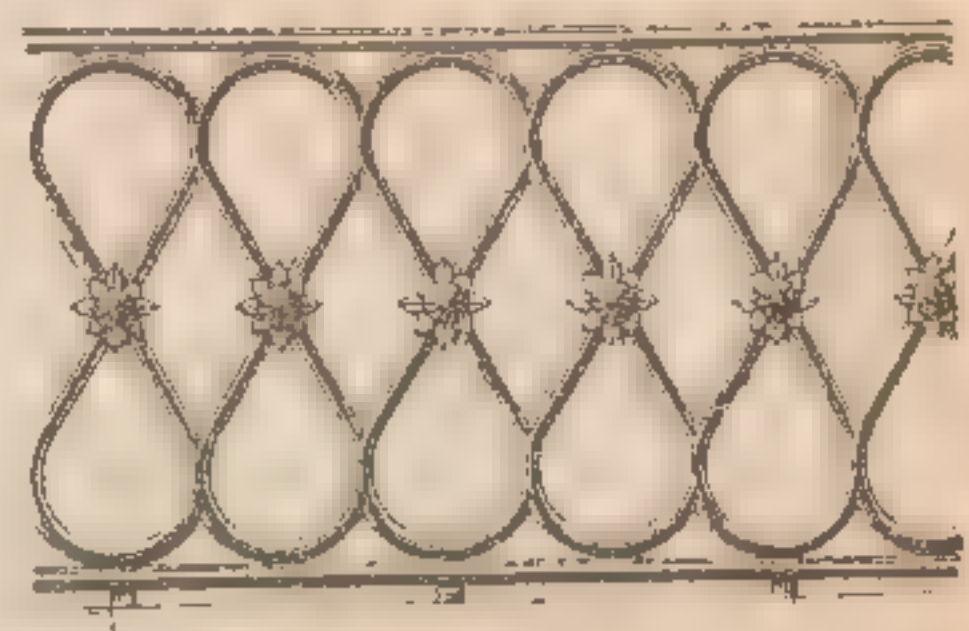


Nº 437- 4' 7 1/2" between centres

Also 3' 5 1/4", 3' 9 1/4", 4' 1 1/4", 4' 4 1/4" and 5' 11 1/4" between centres, which can be used separately or together in various combinations



Nº 828



Nº 274



Nº 149



Nº 65

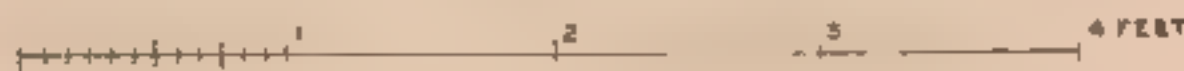


FACE

1 FACE

Also with large Centre Ornamental and Standards see page 269.

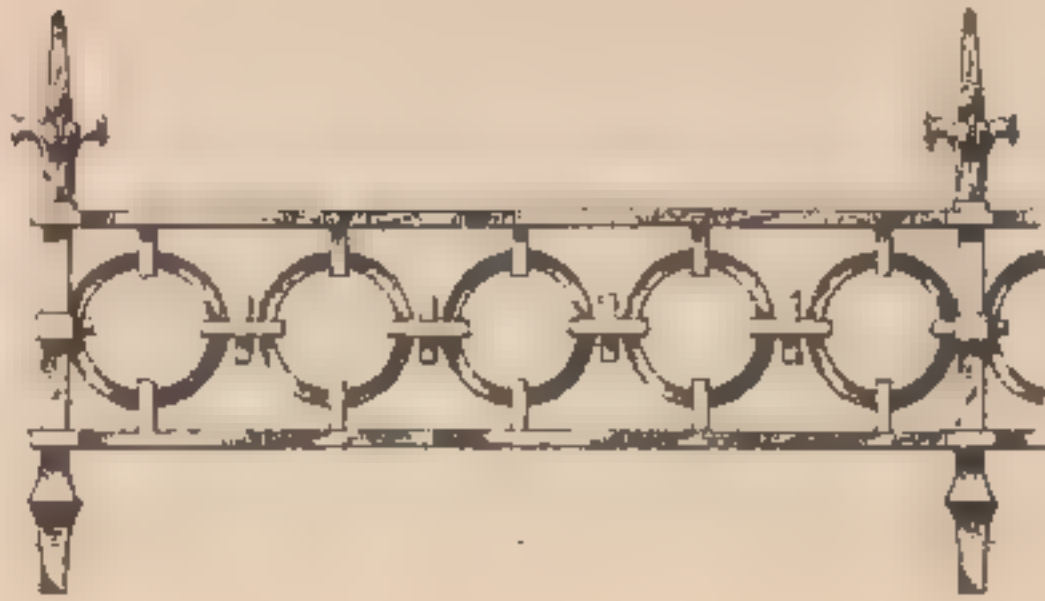
SCALE



Nº 928



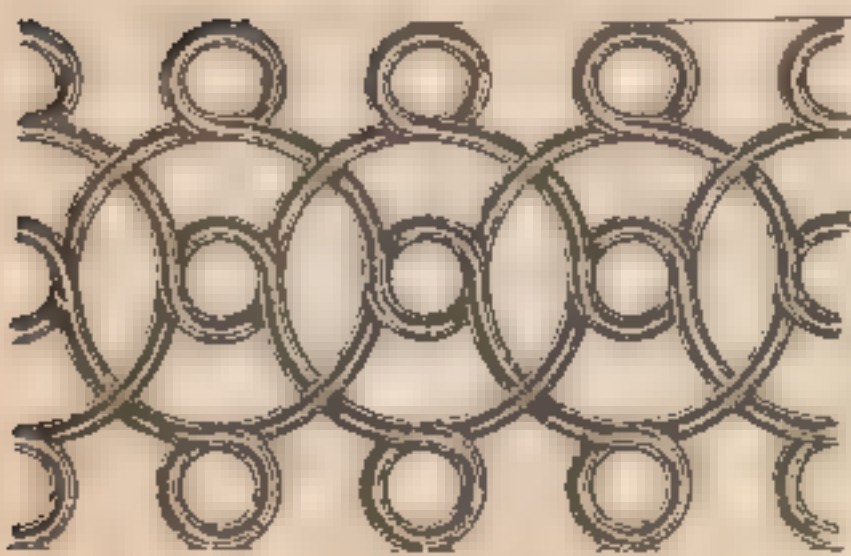
Nº 194



Nº 795



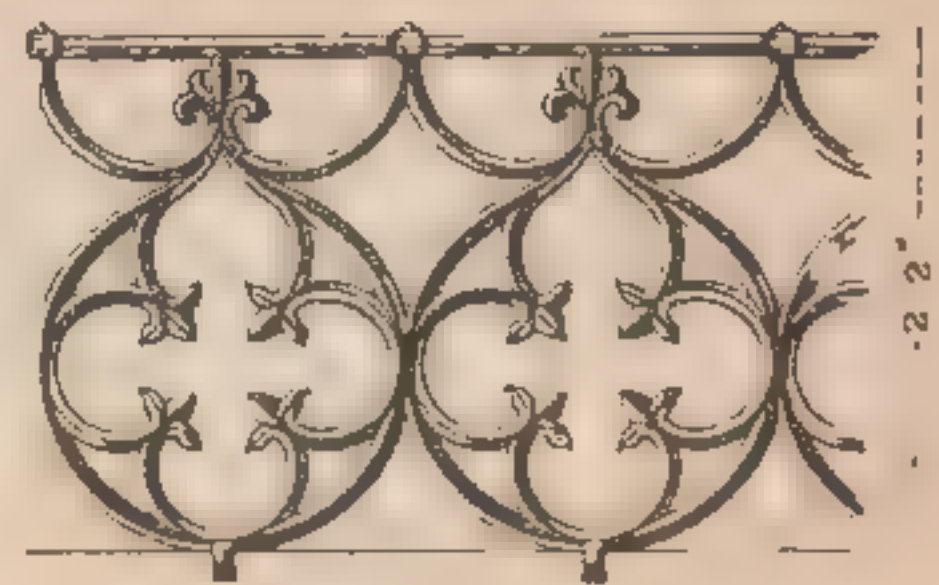
Nº 393



Nº 895



Nº 312



Nº 1020



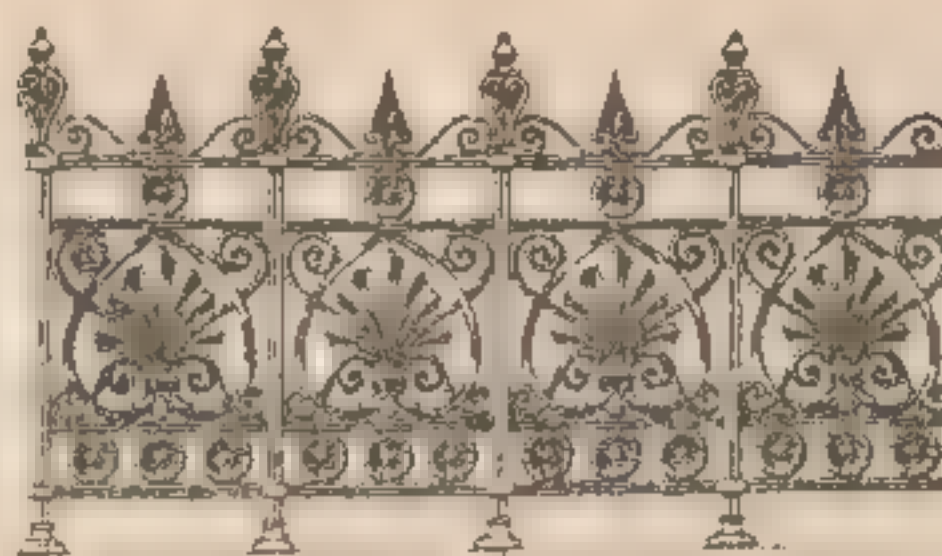
Nº 913



Nº 38



Nº 1062



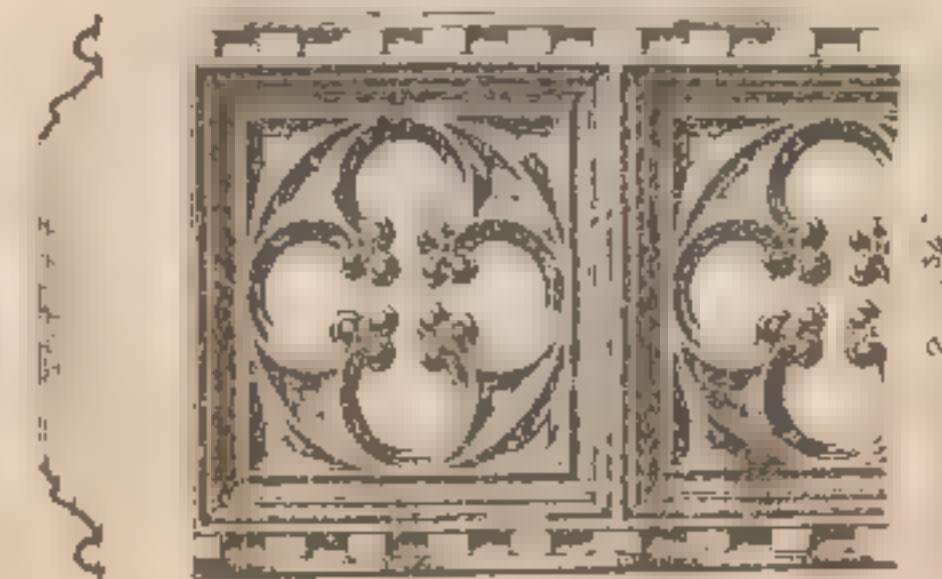
Nº 19



Nº 160



Nº 467



Nº 204



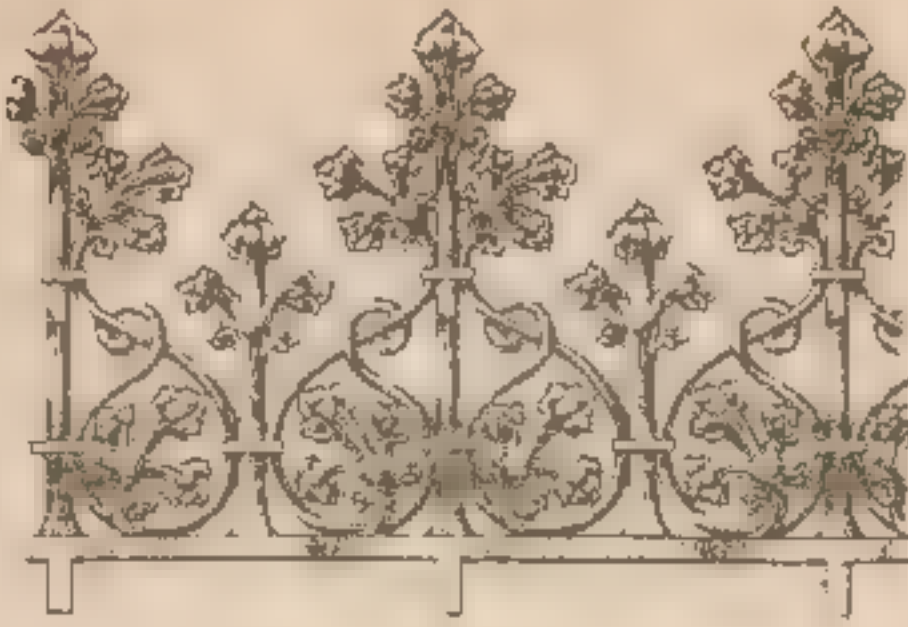
SCALE



Nº 1080



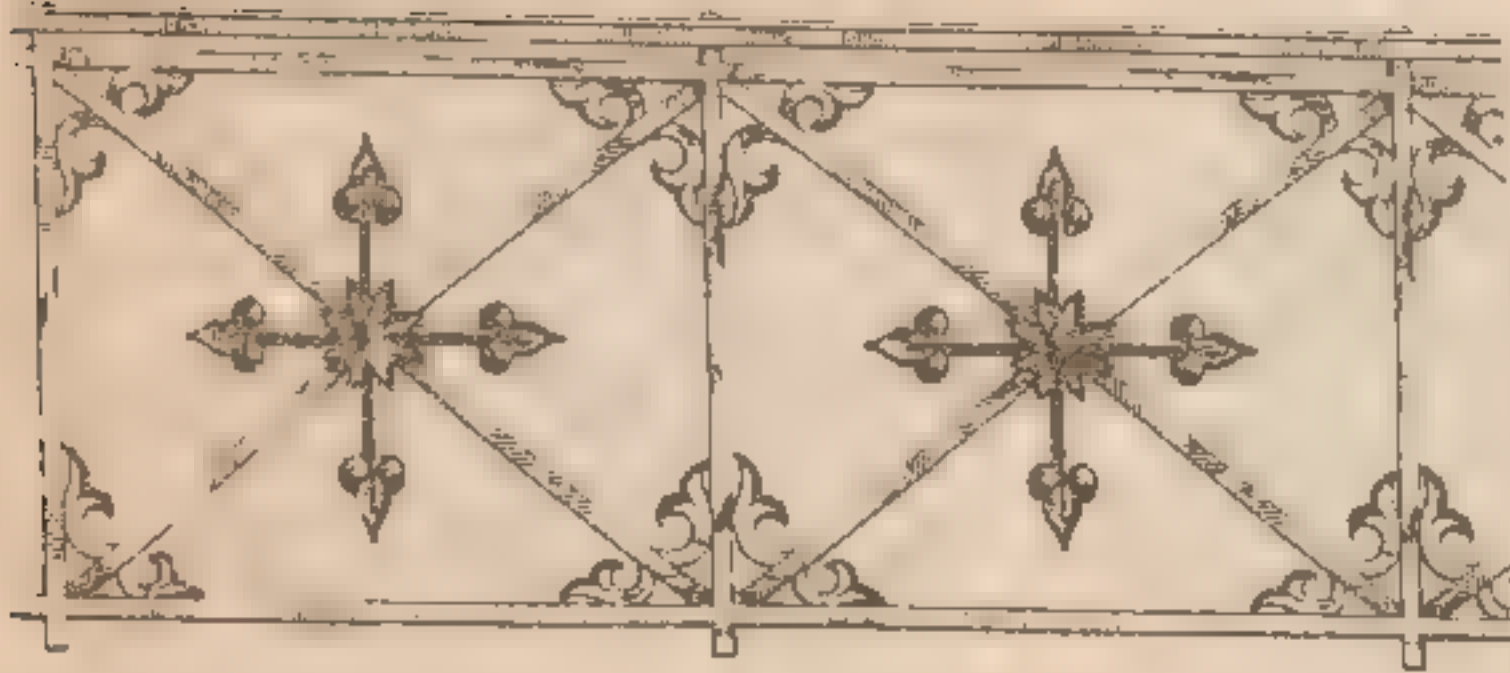
Nº 94



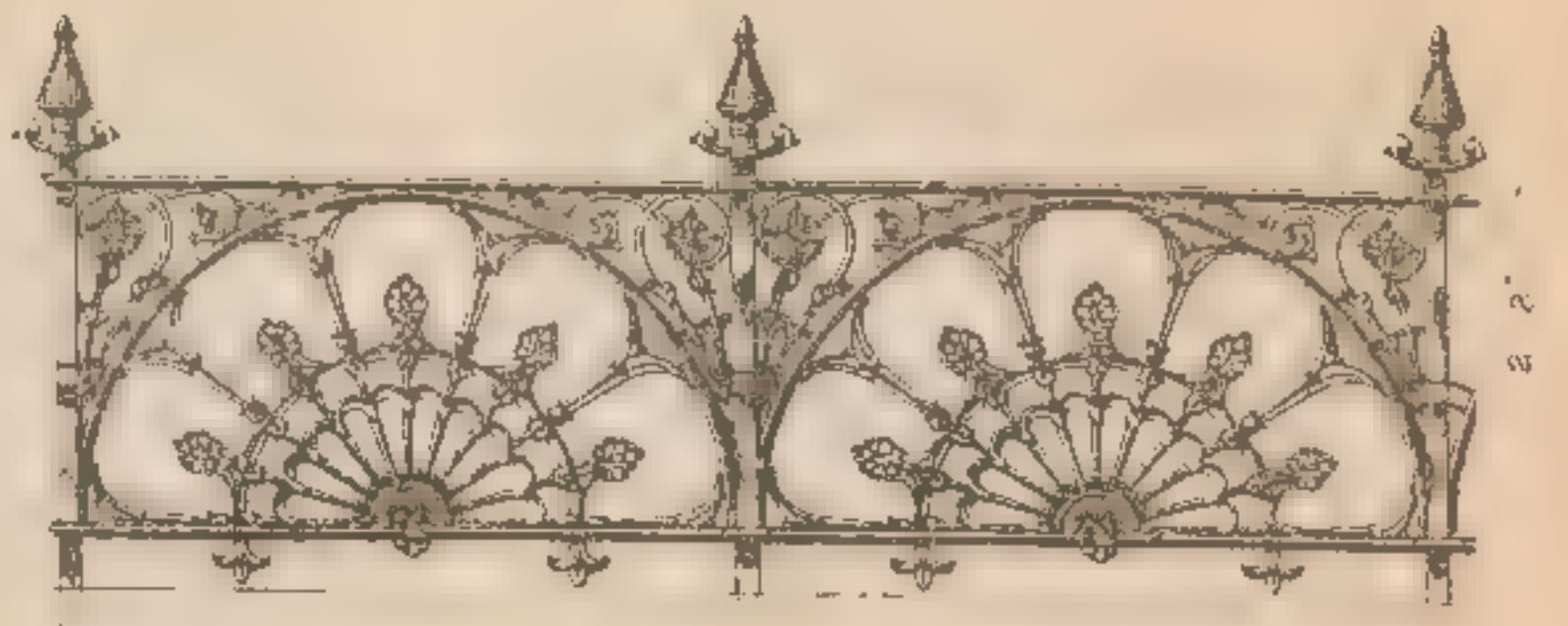
Nº 5



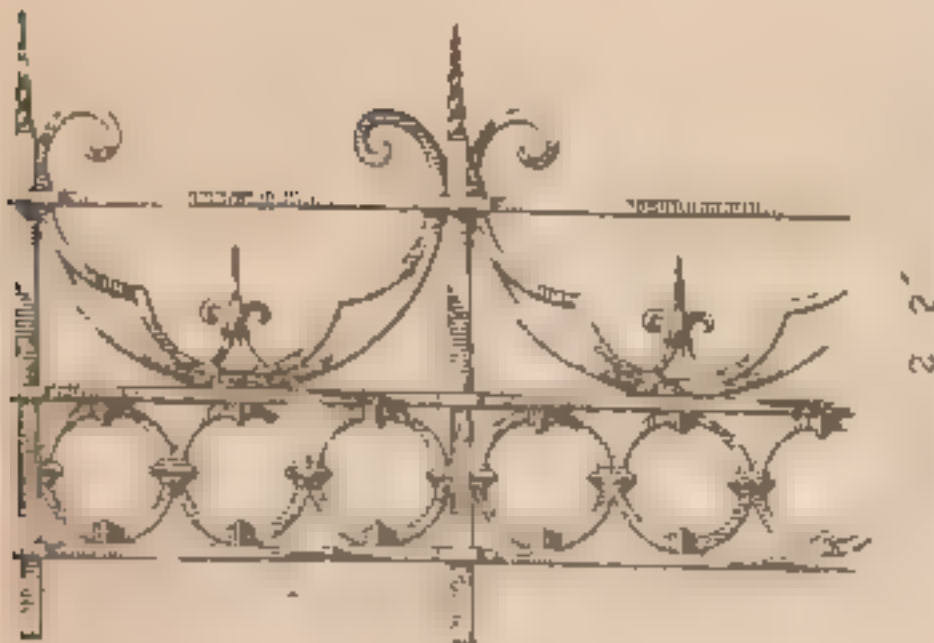
Nº 270



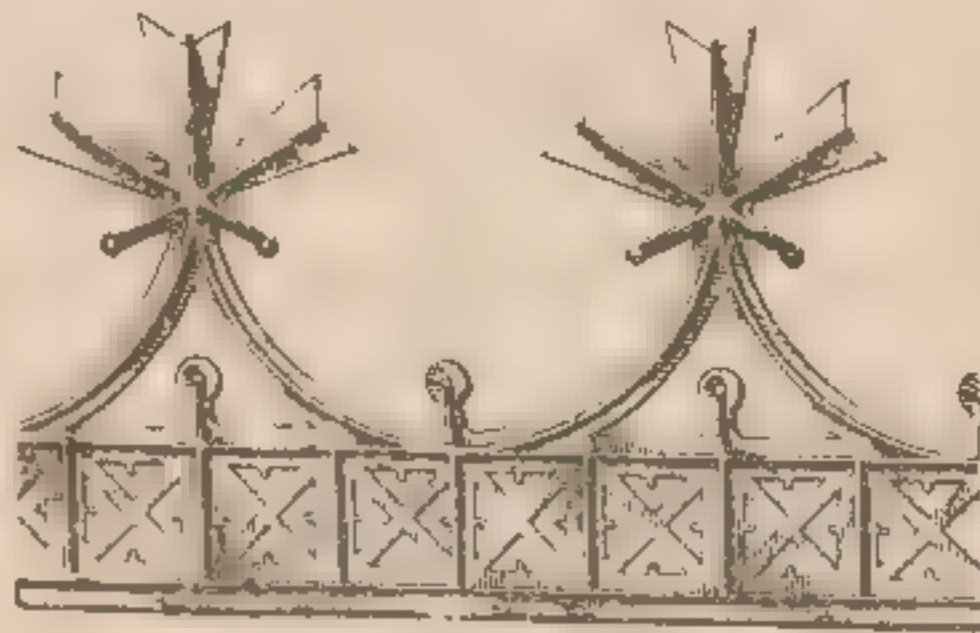
Nº 898



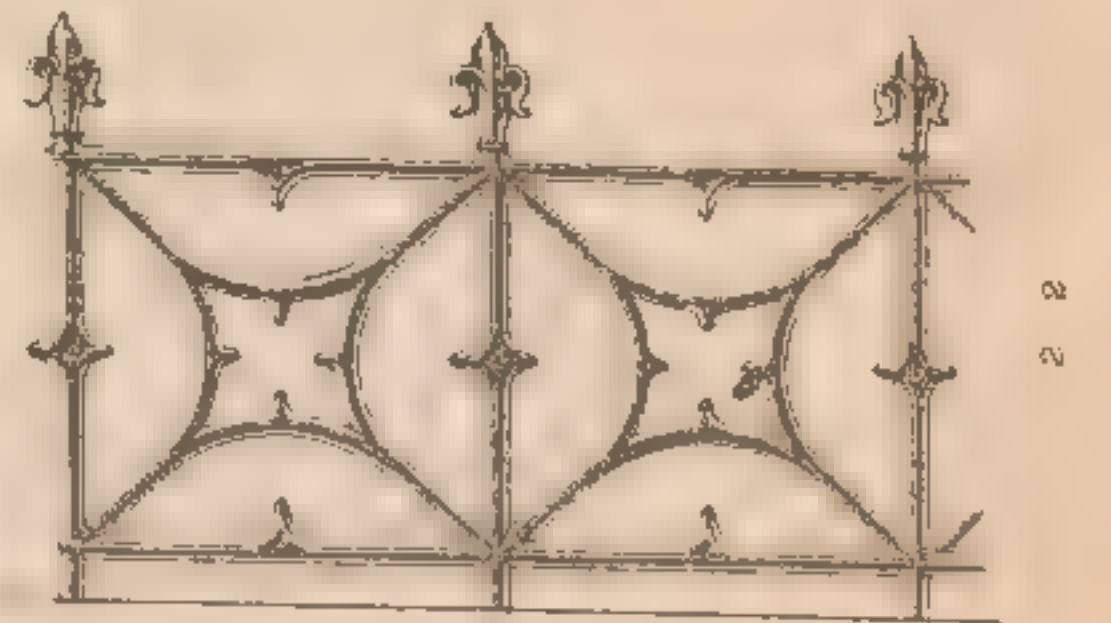
Nº 00



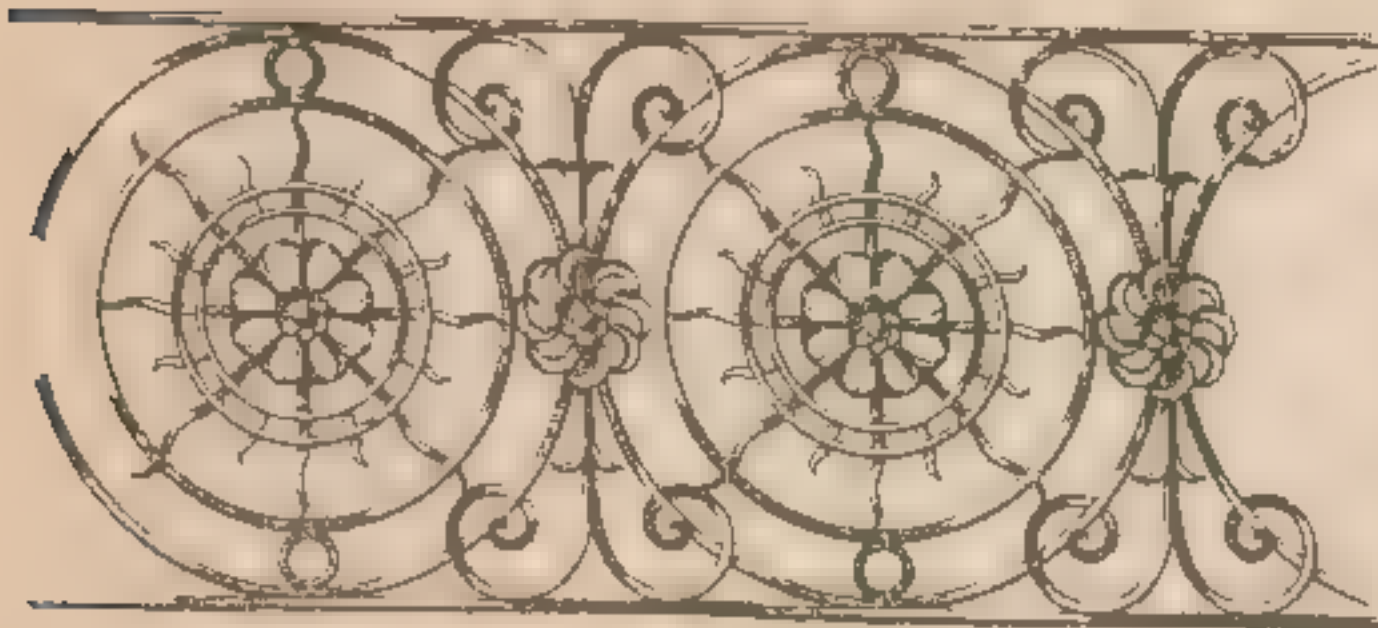
Nº 35



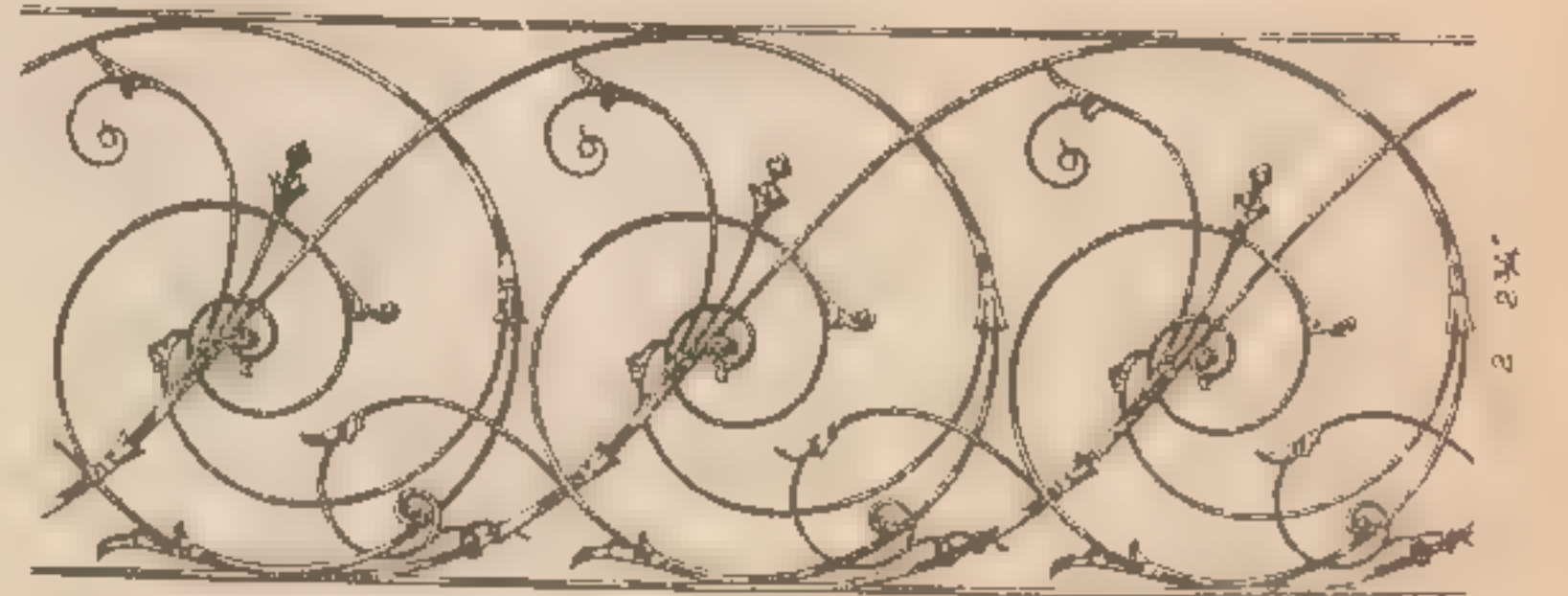
Nº 839



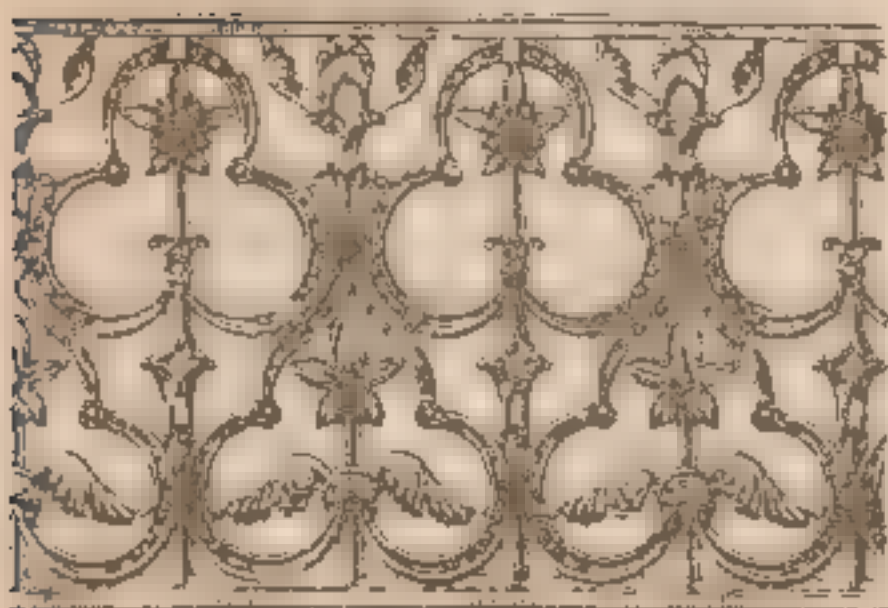
Nº 072



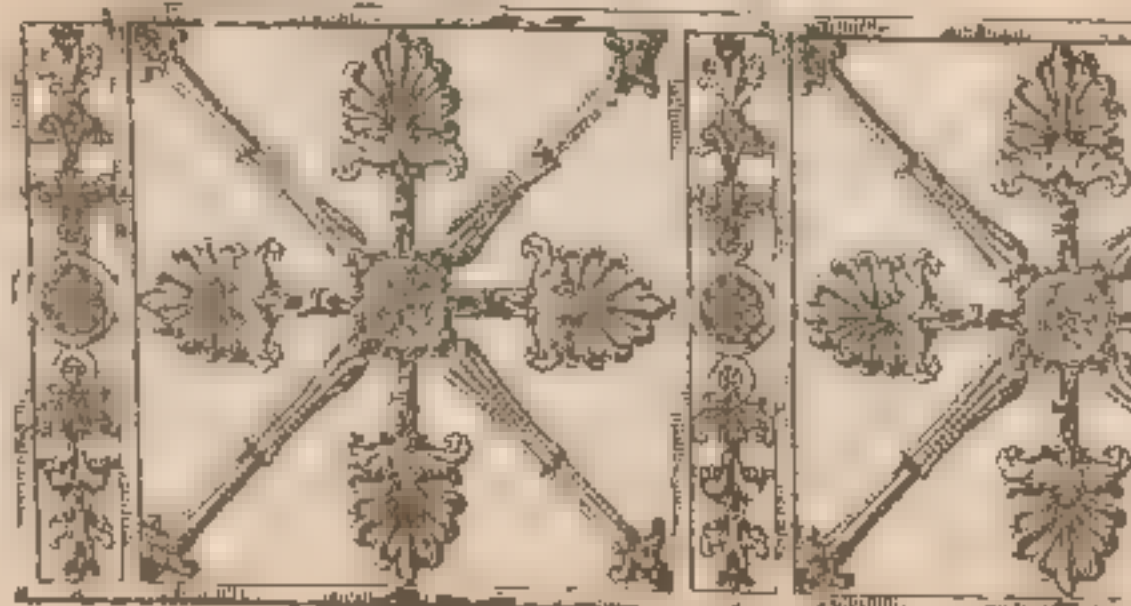
Nº 948



Nº 17



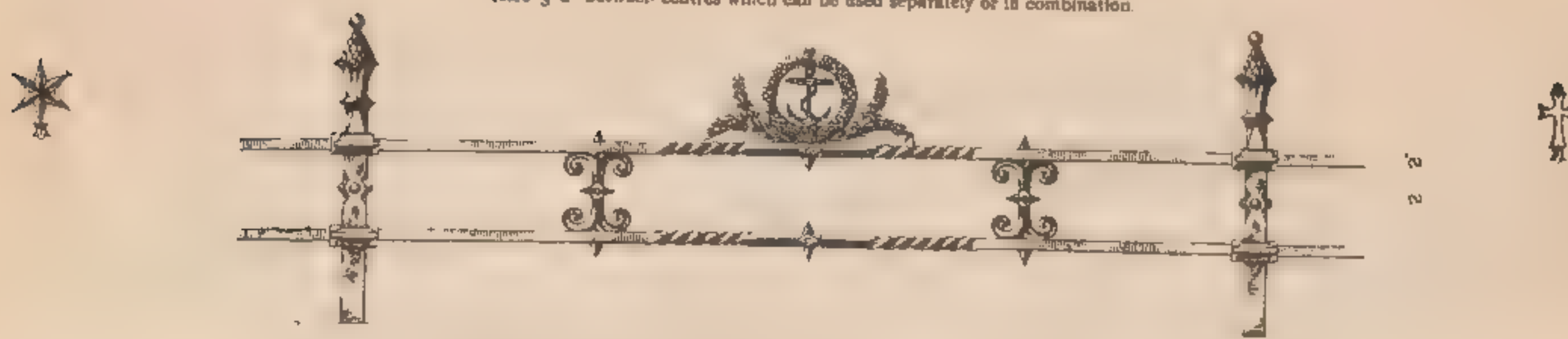
Nº 24



Nº 44

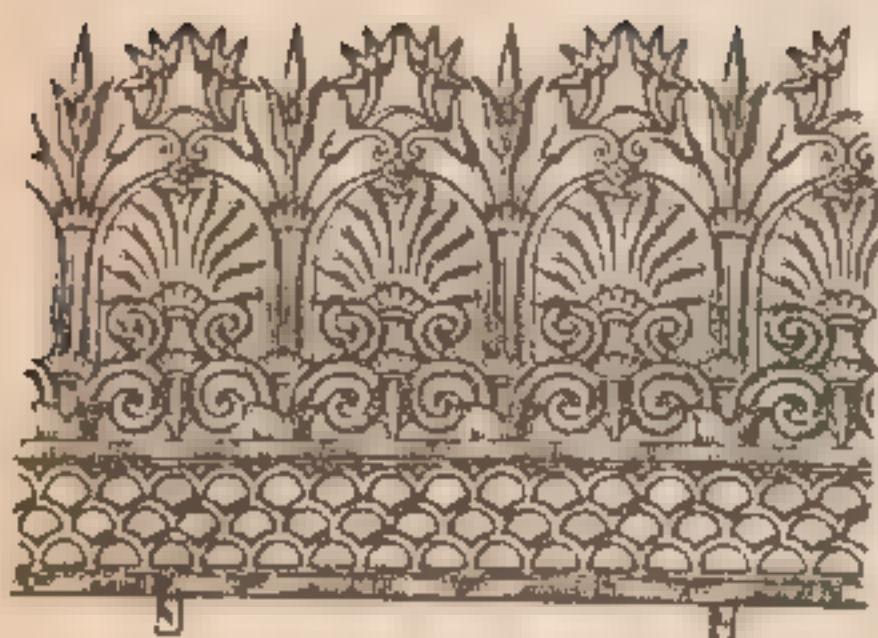


N^o 807-6" 2" BETWEEN CENTRES
Also 3' 8" between centres which can be used separately or in combination.



Either of the symbols, Star or Cross, can be substituted for Anchor shown in wreath. Other devices to order
Standard can also be supplied with Spike for driving into ground, see page 334

N^o 57



N^o 908

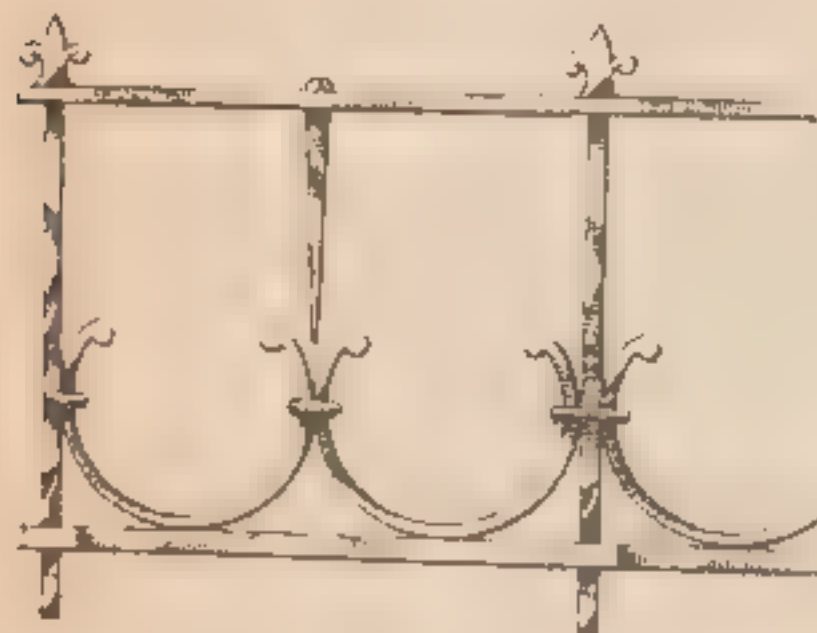


N^o 53



1 AND 2 FACES

N^o 64



N^o 415

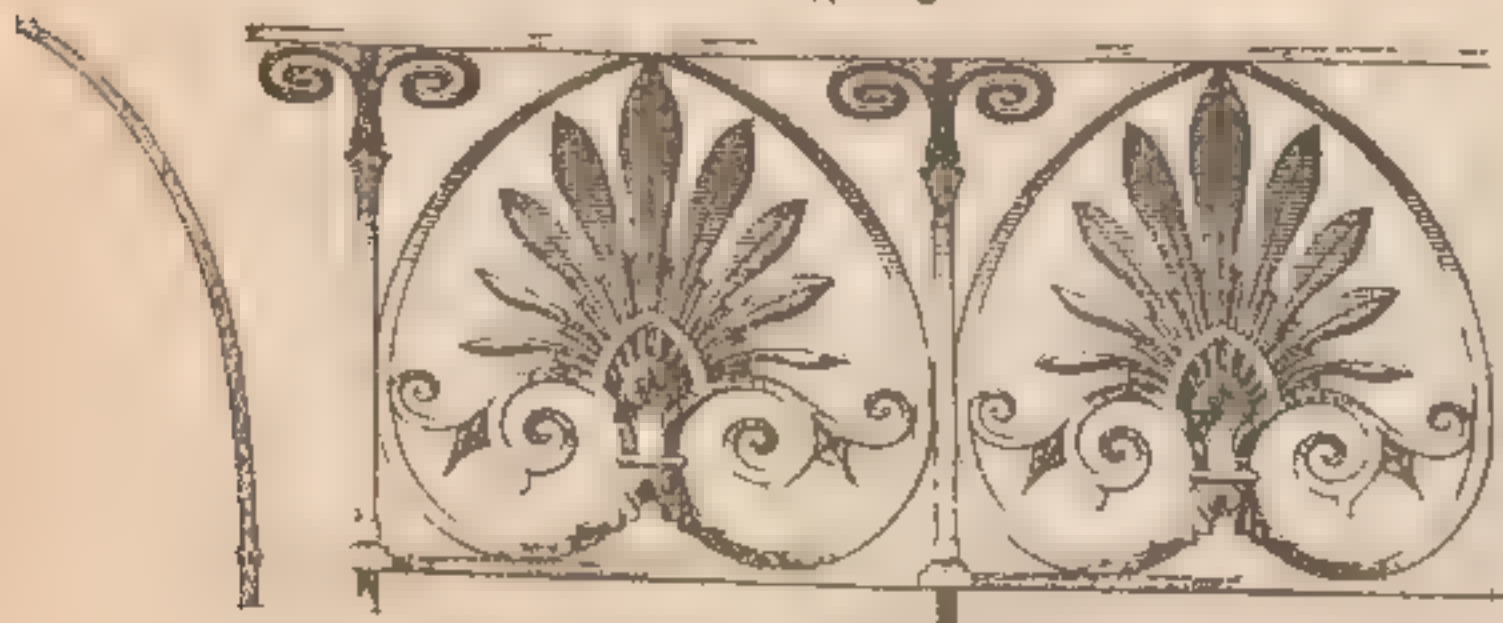


N^o 1076

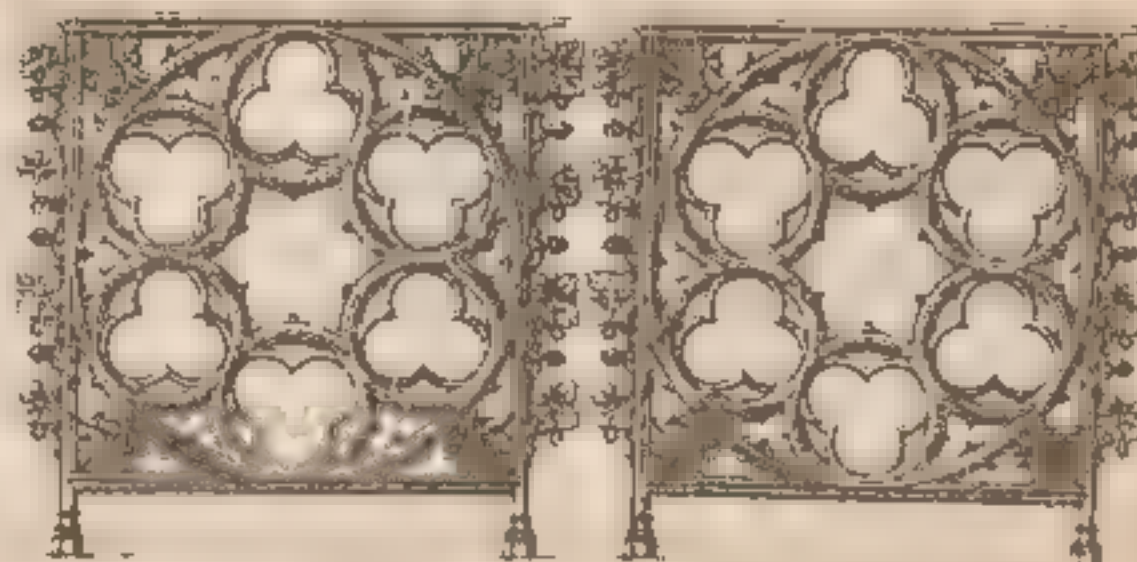


Also heavier pattern 2' 1" high

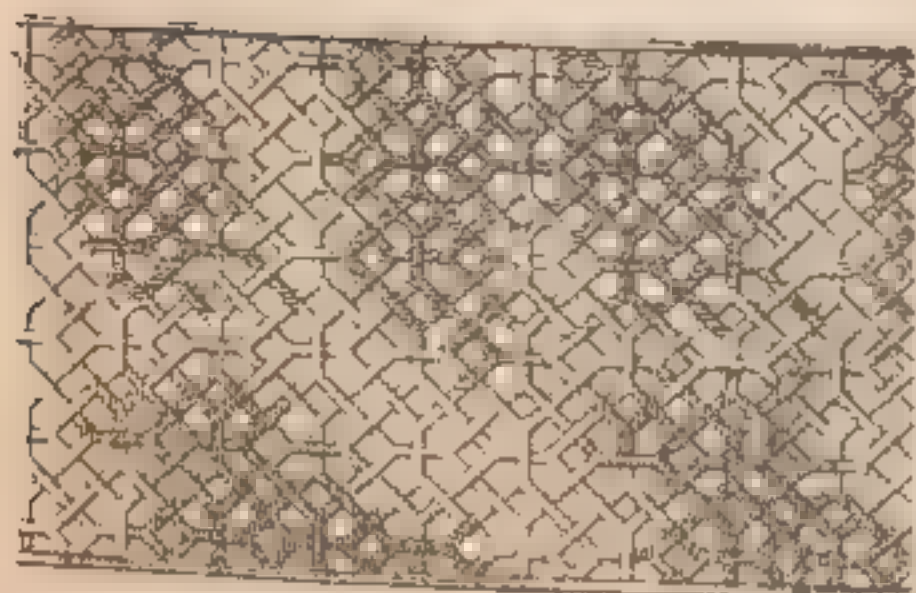
N^o 017



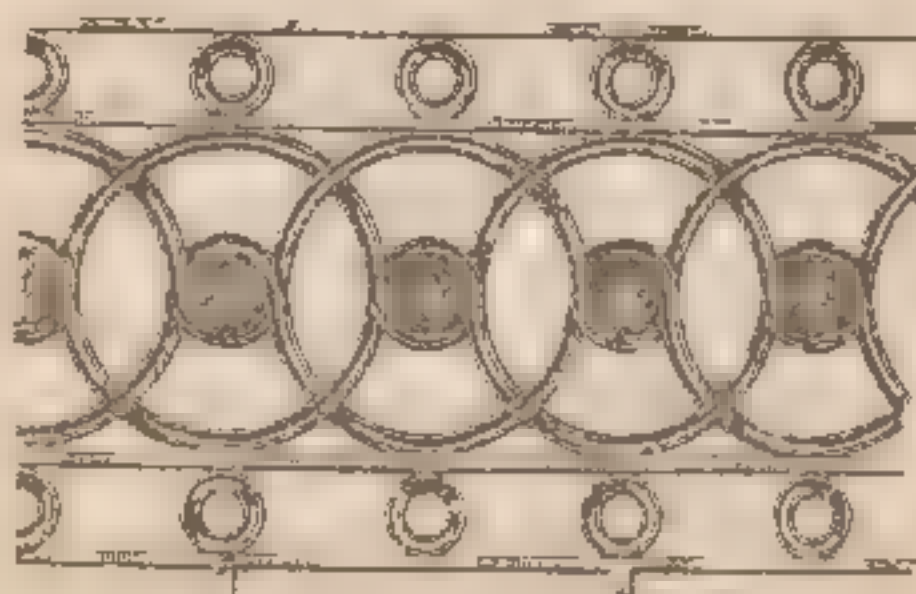
N^o 034



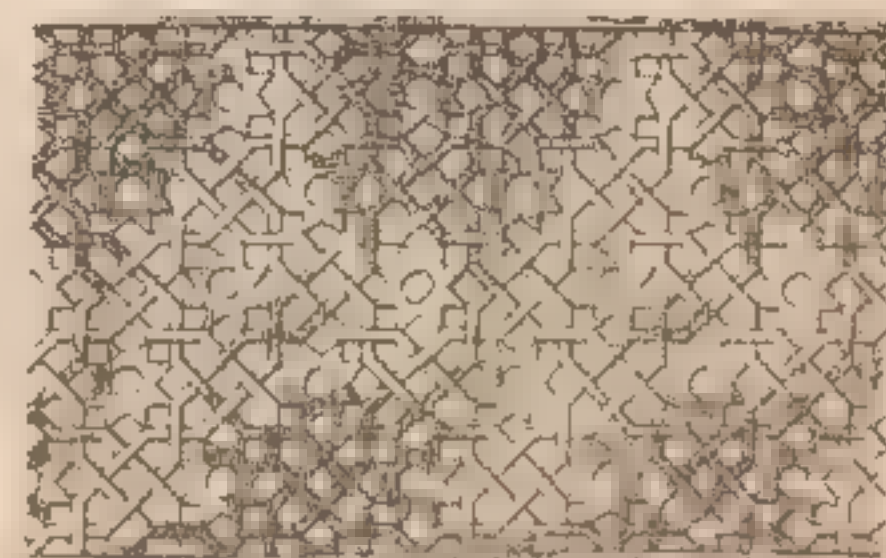
N^o 1118



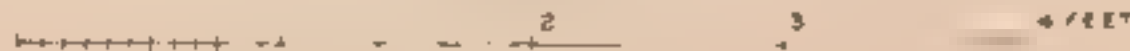
N^o 242



N^o 1117



SCALE



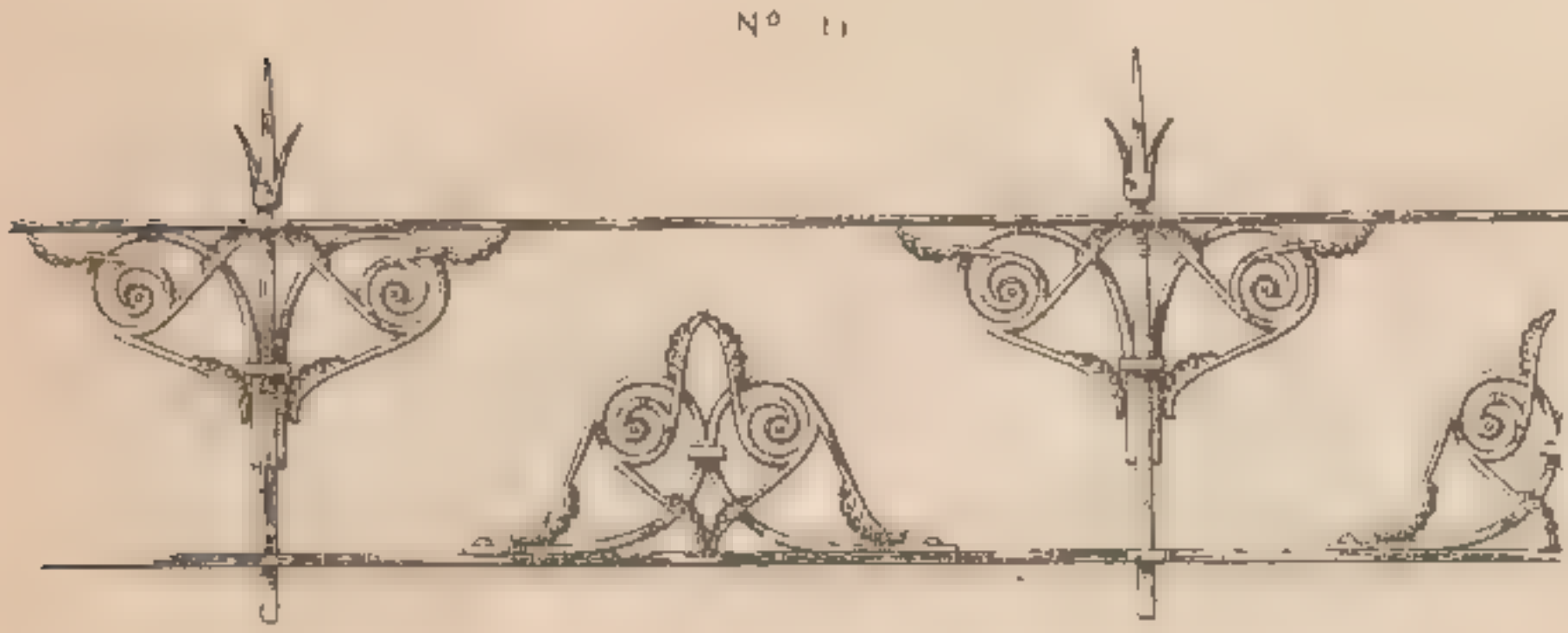


No. 168

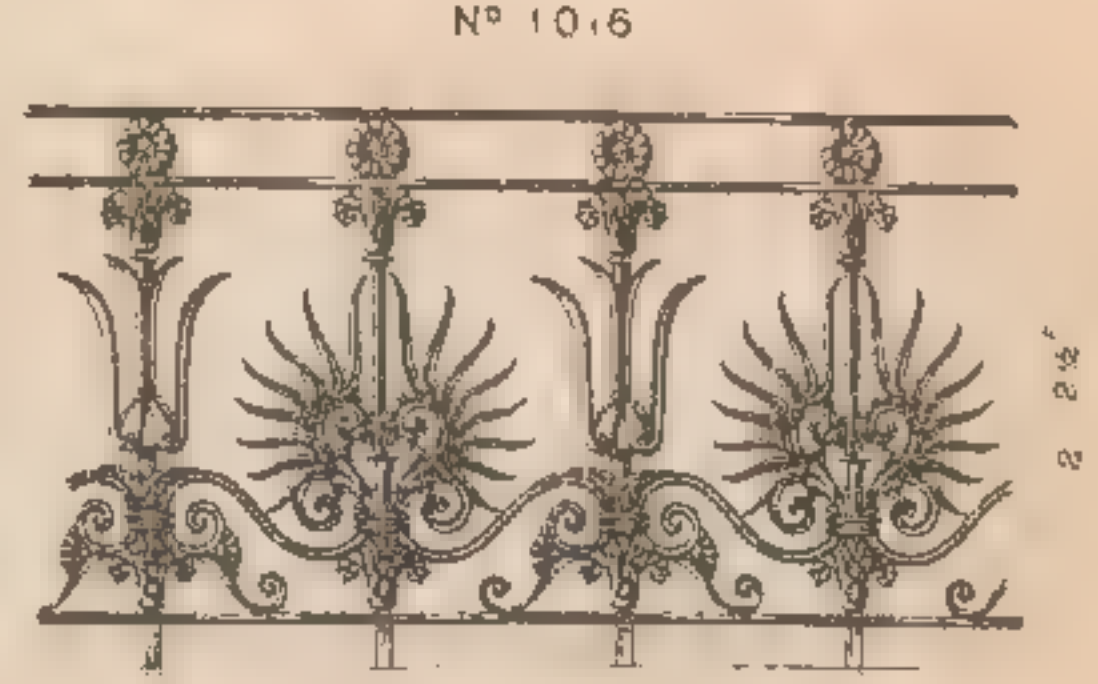
Main Standard priced separately



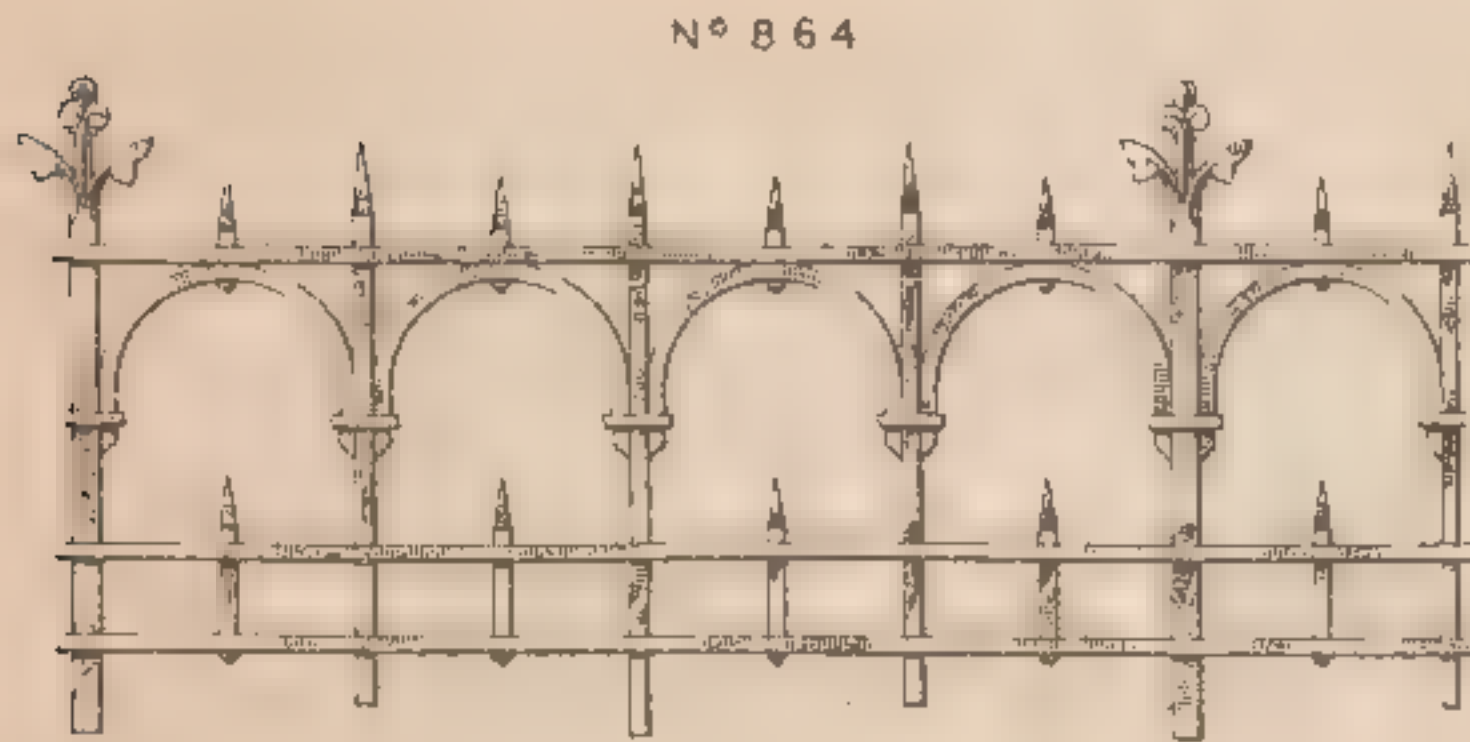
No. 005



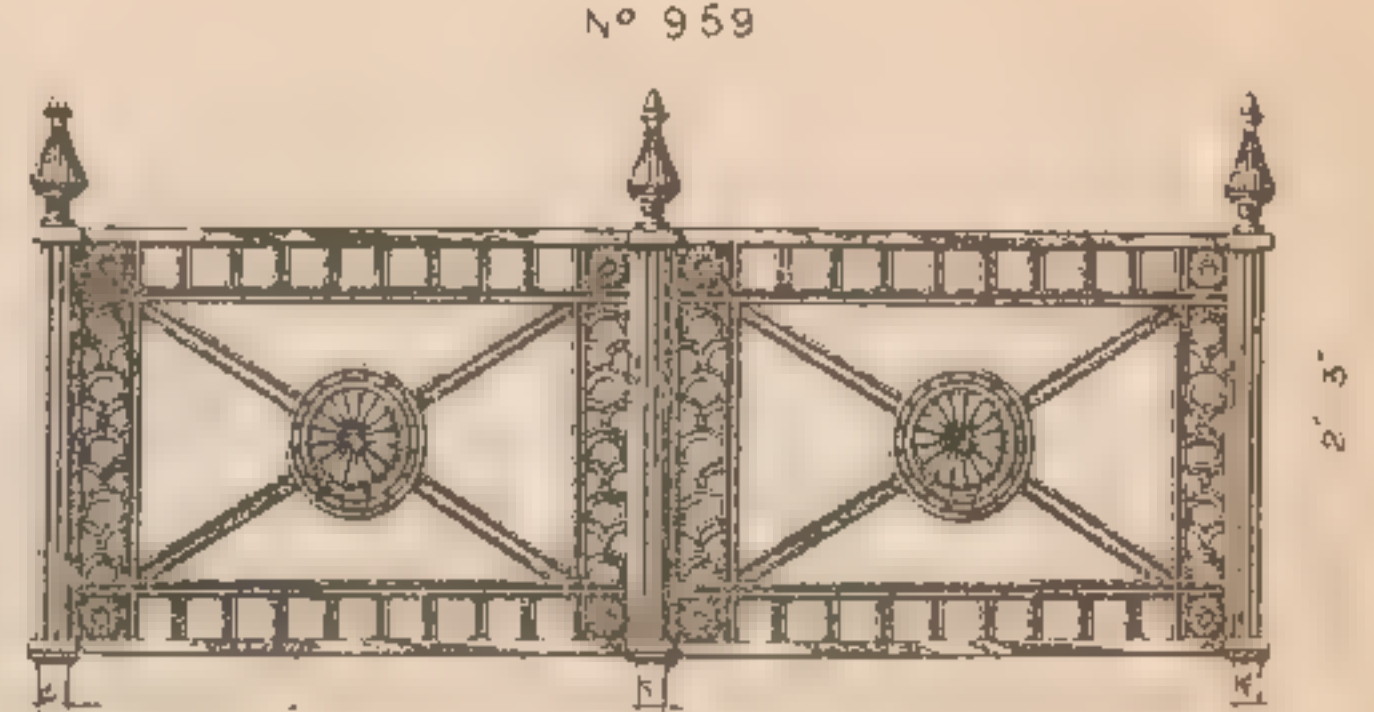
No. 11



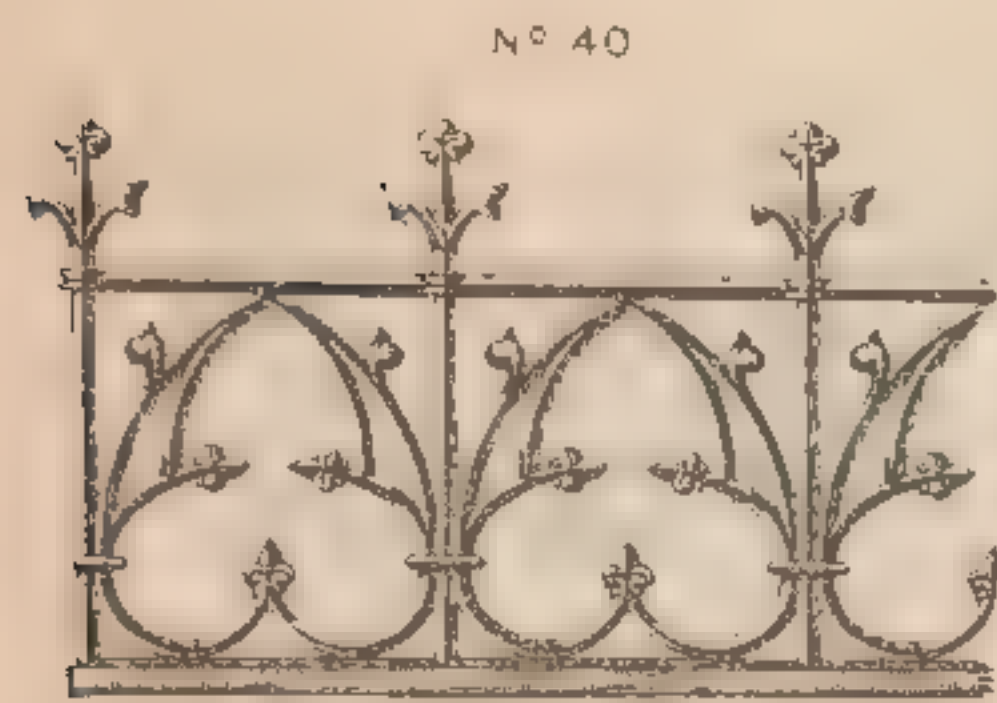
No. 1016



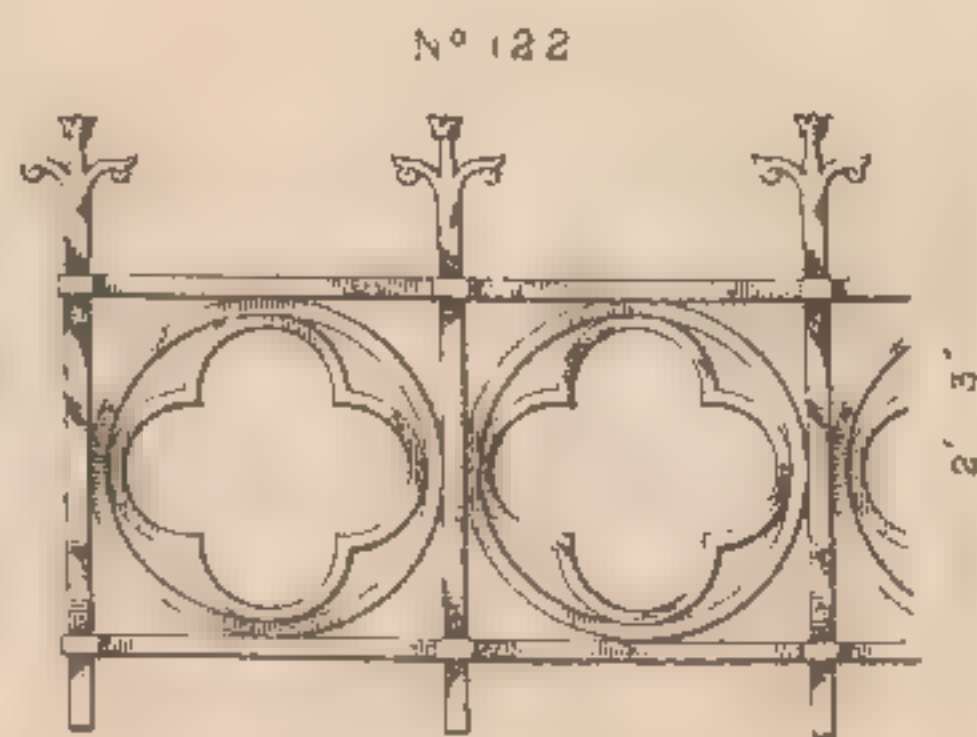
No. 864



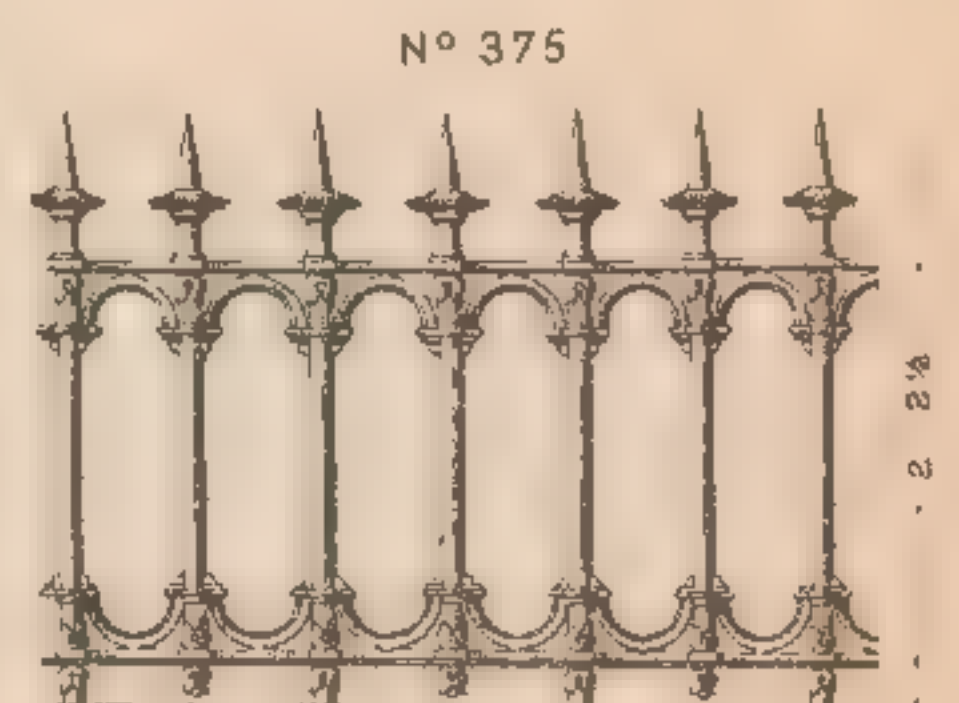
No. 959



No. 40



No. 122

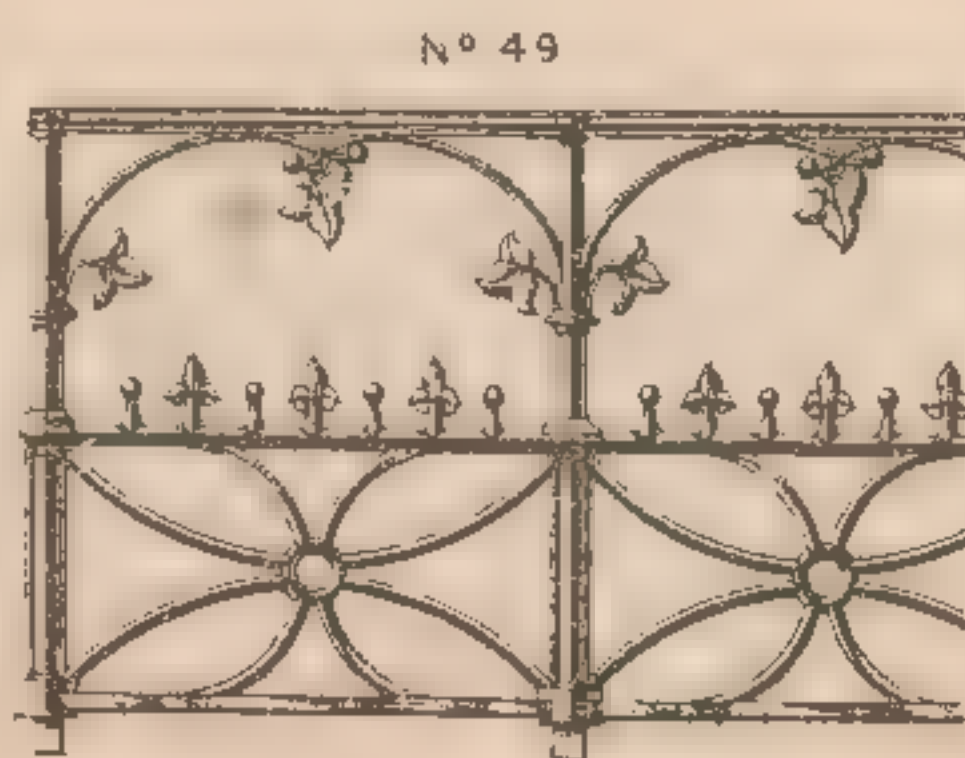


No. 375

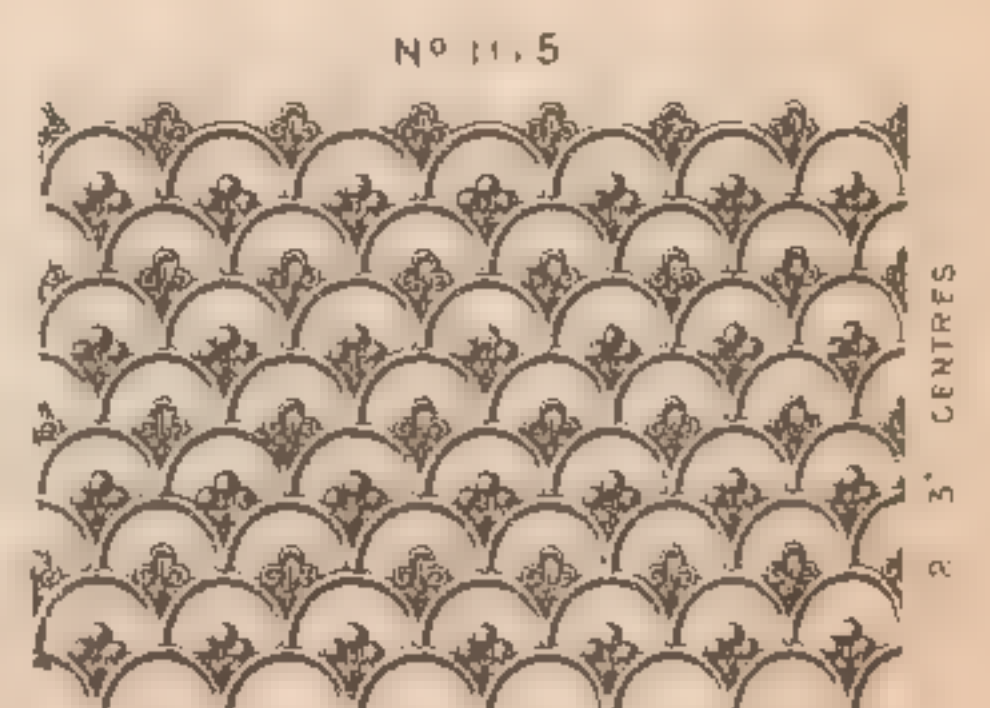


No. 1116

Any size to order.



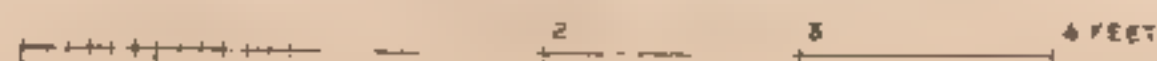
No. 49



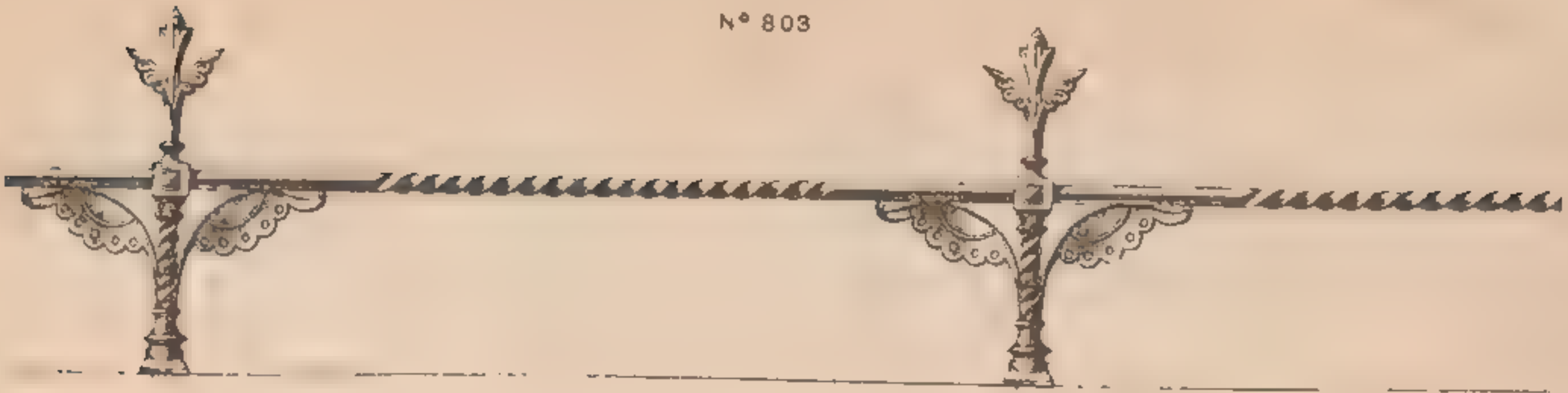
No. 1115

Any size to order

SCALE



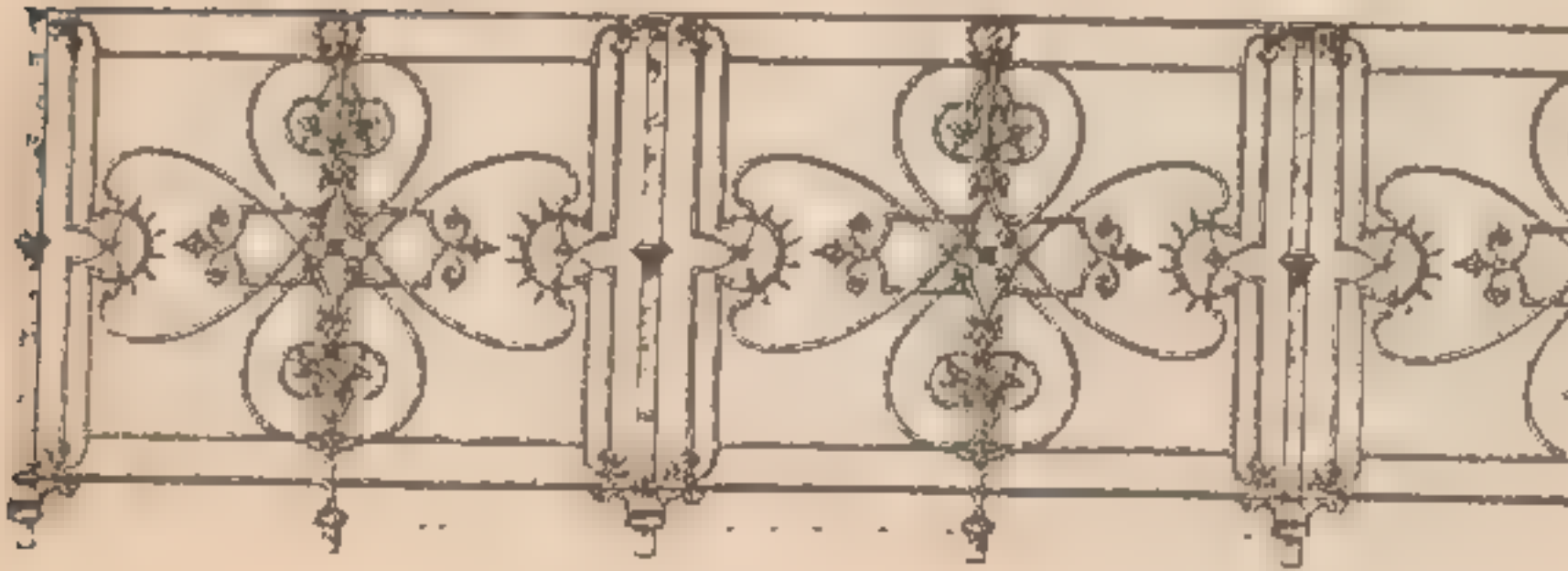
N° 803



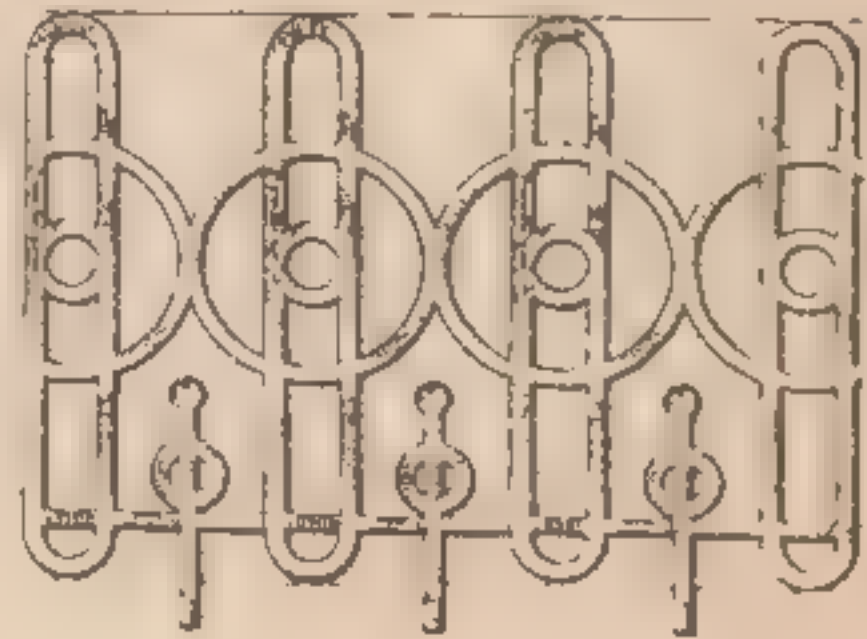
2 2 1/2"

N° 868-2 0' BETWEEN CENTRES

N° 308



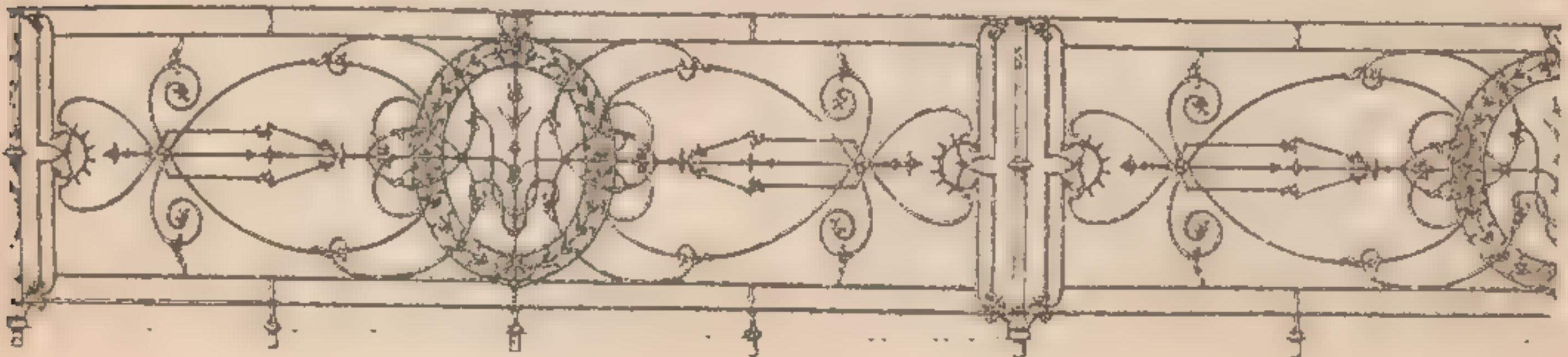
2 2 1/4"



2 2 1/4"

N° 868 2' 4" BETWEEN CENTRES

Can also be used in combination with pattern shown above 2' 10" between centres



2 2 1/2"

N° 957

N° 299



2 2 1/4"



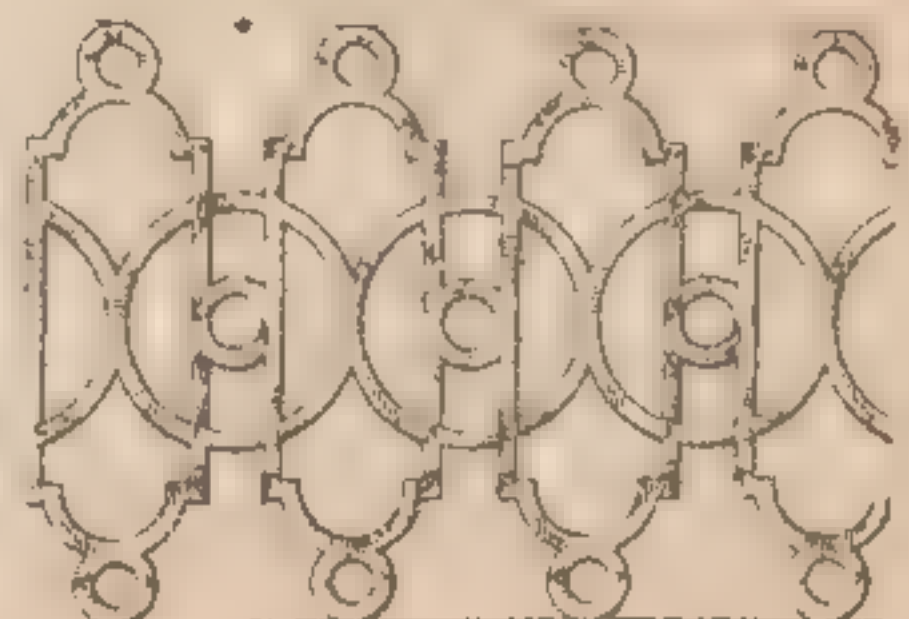
2 3 1/4"

N° 958

N° 302



2 2 3/4"



2 3"

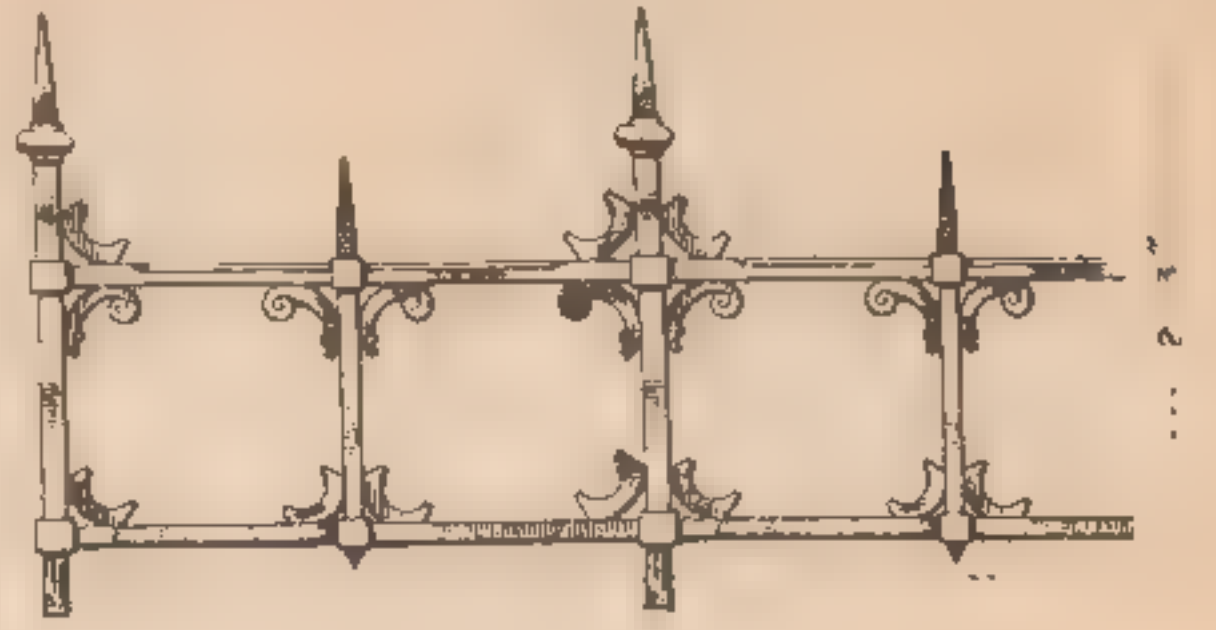
SCALE



Nº 427



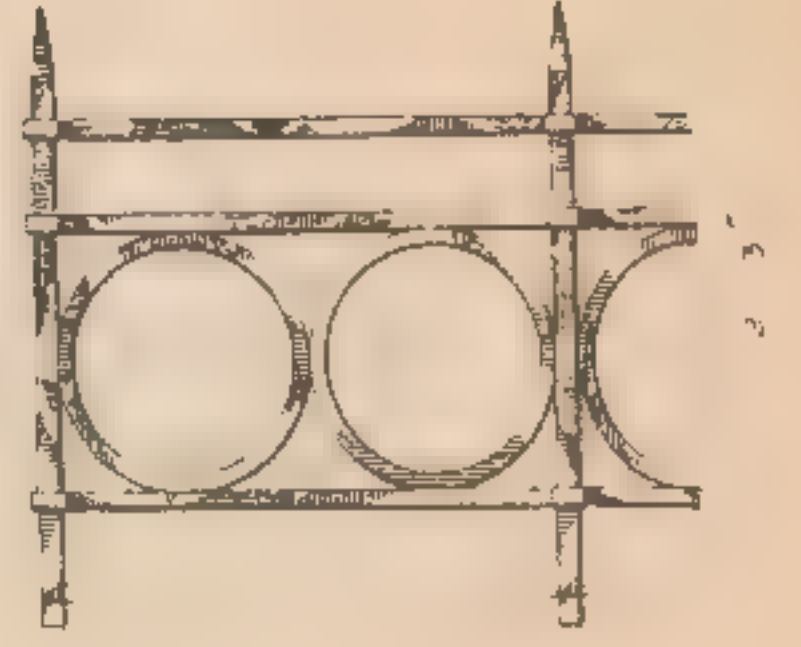
Nº 32



Nº 430



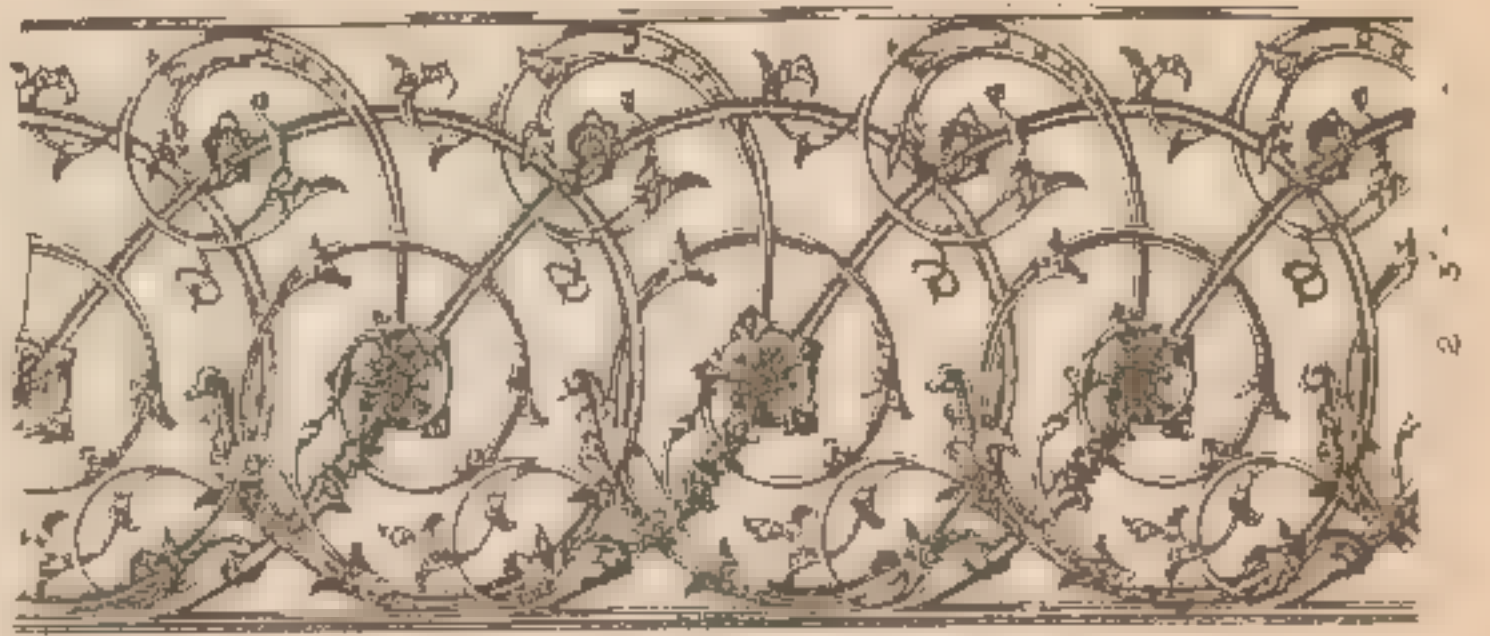
Nº 80



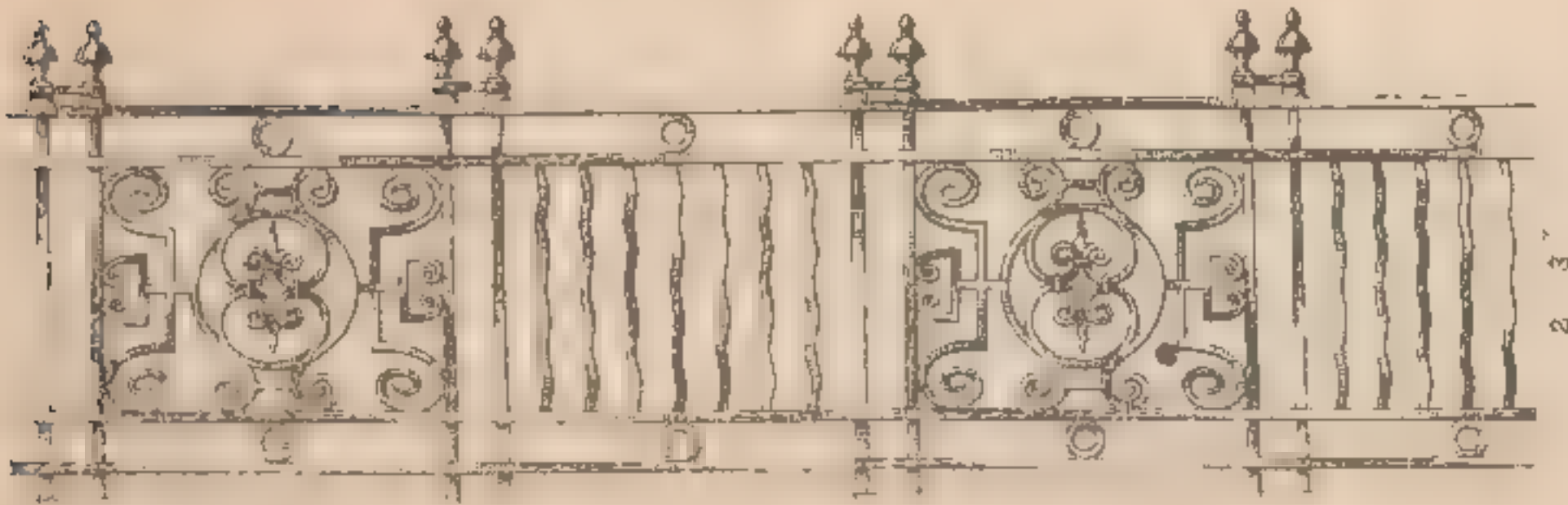
Nº 82



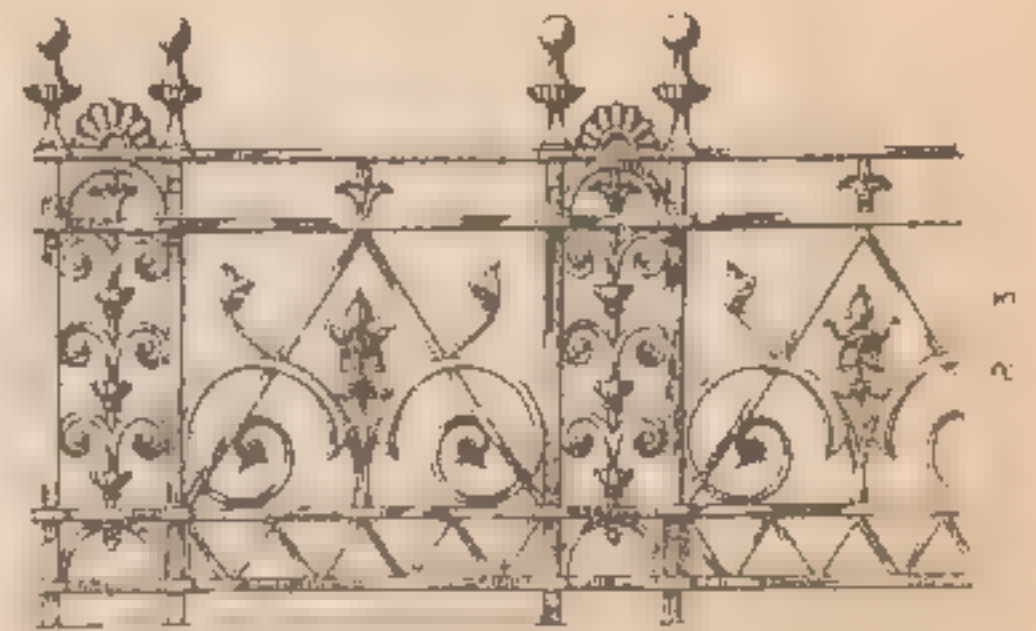
Nº 88



Nº 104



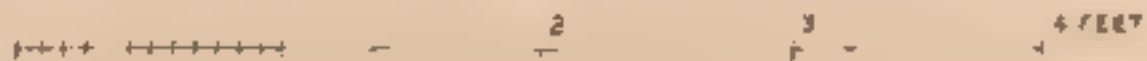
Nº 896



Nº 33



SCALE

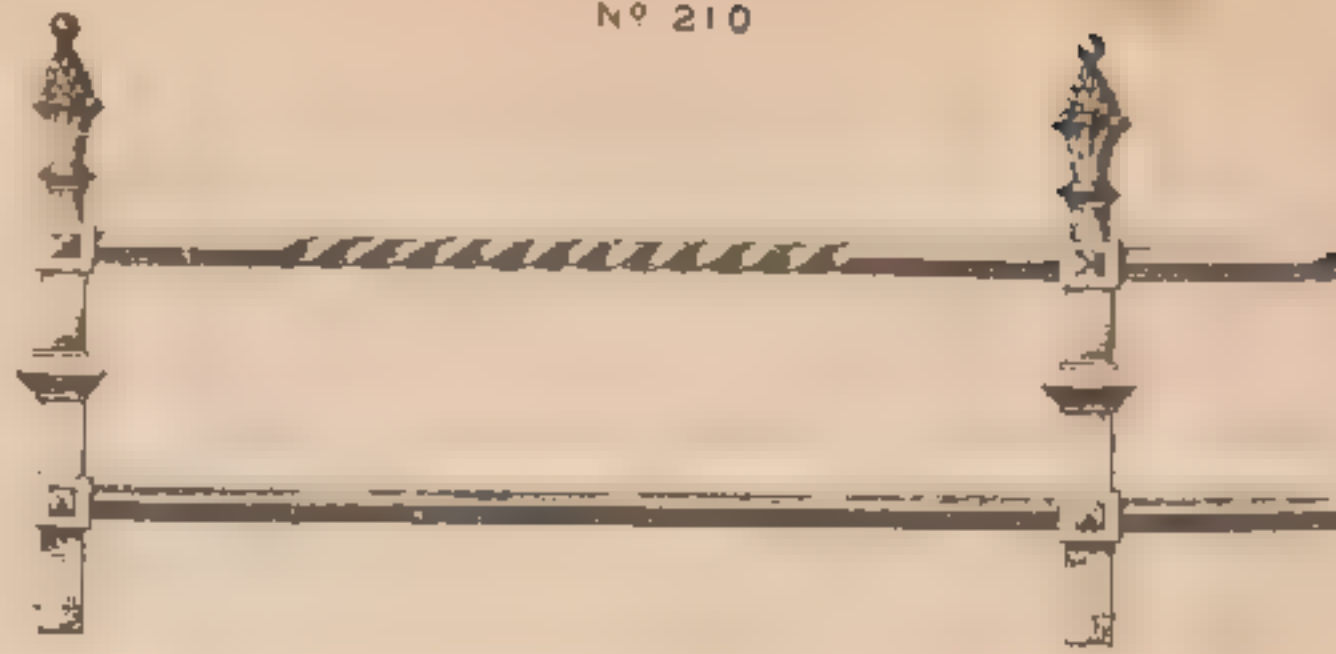


Nº 104

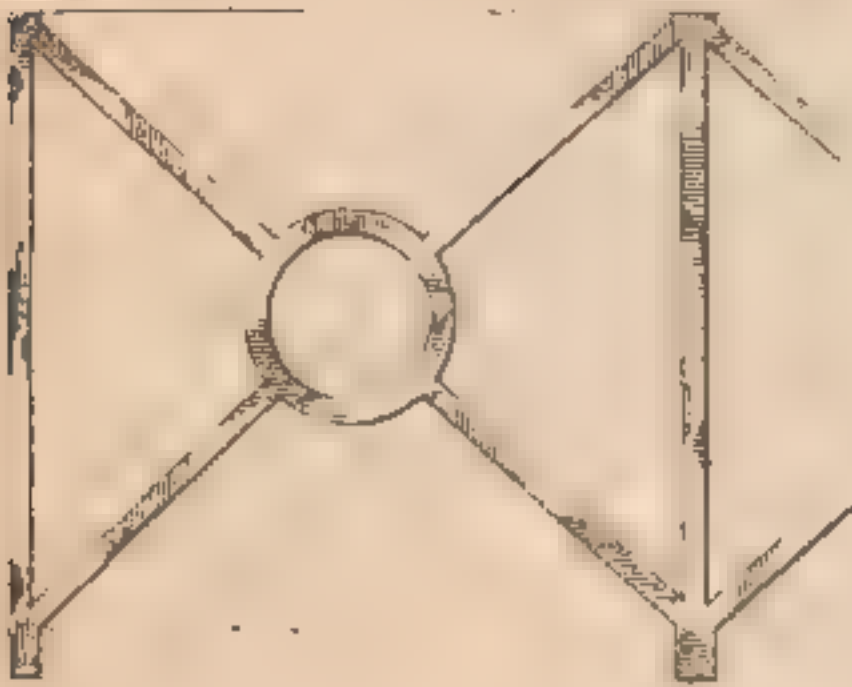


Main Standards priced separately

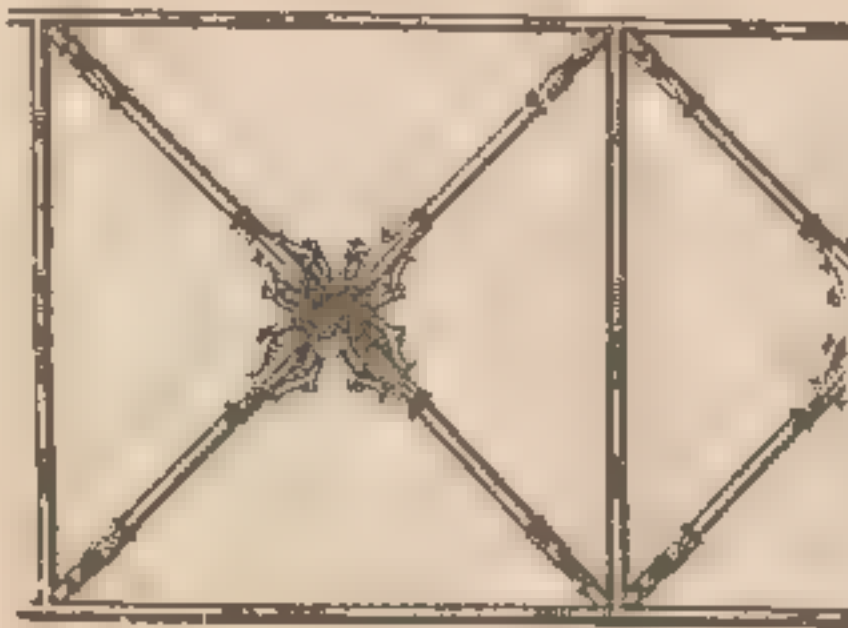
Nº 210



Nº 409



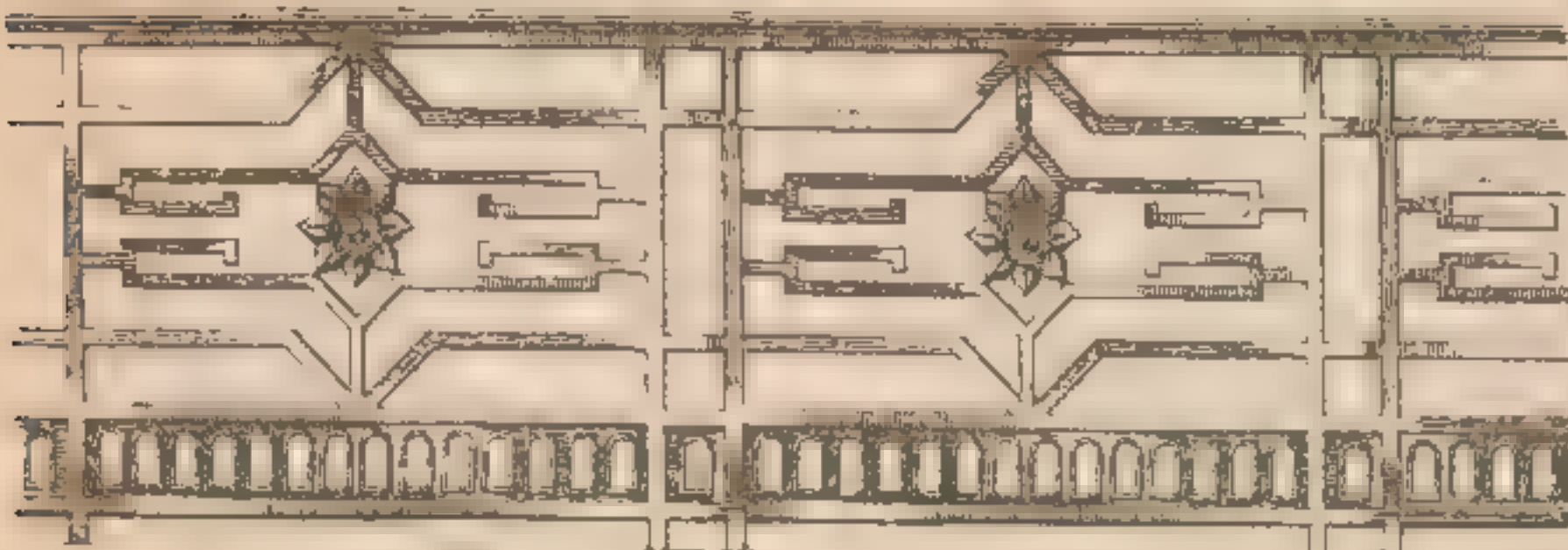
Nº 279



Nº 1012



Nº 1008



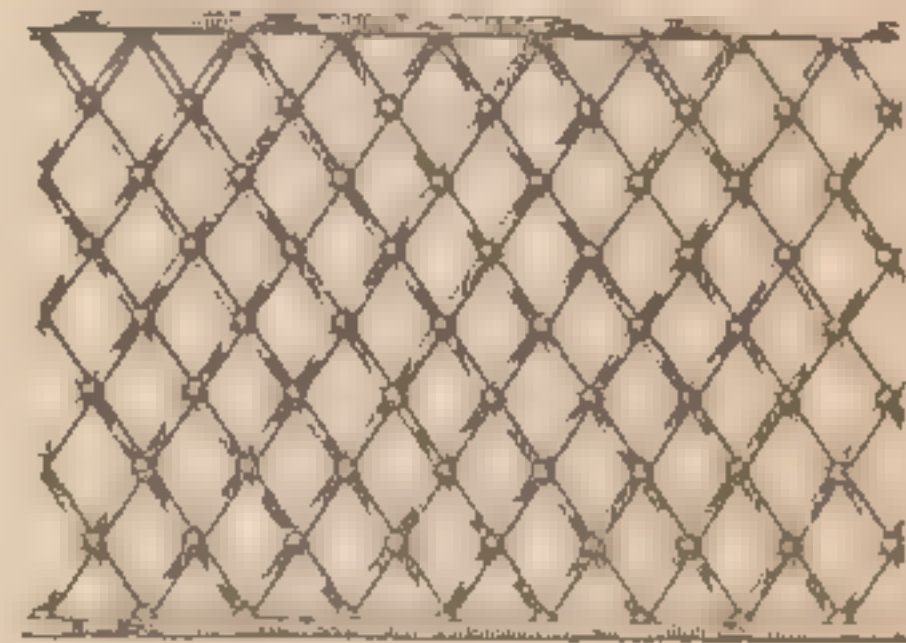
Nº 83



Nº 162



Nº 398

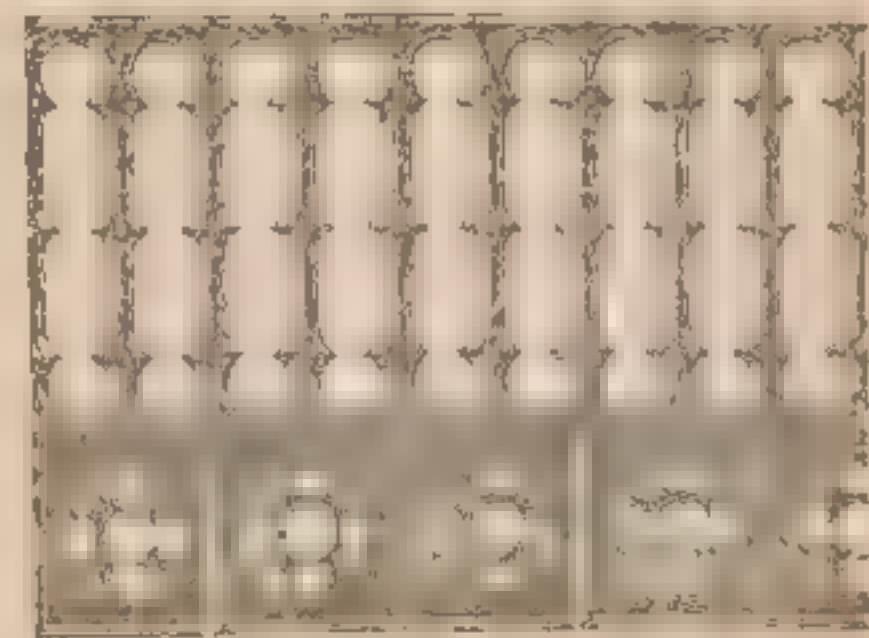


1 FACE

Nº 57



Nº 128



1 FACE

Any size to order.

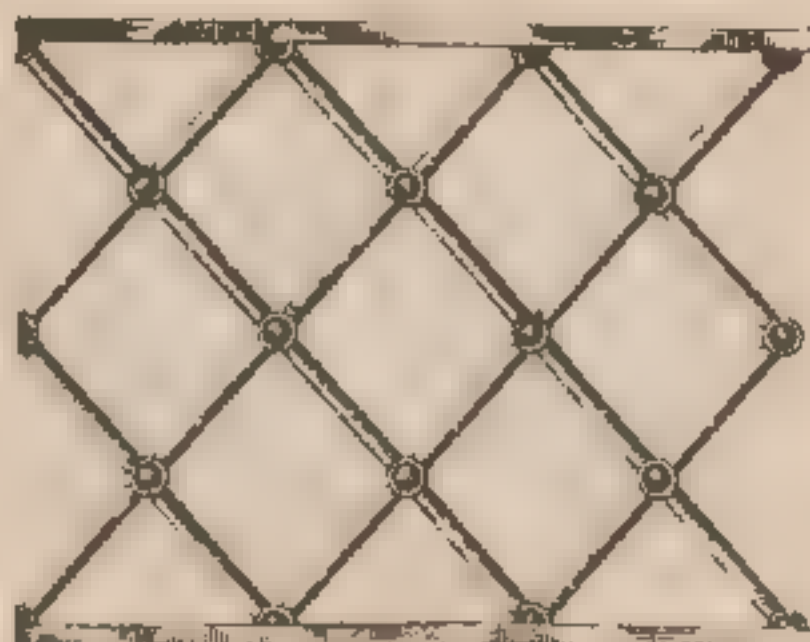
SCALE

N^o 208N^o 1031N^o 883

Main Standard priced separately

N^o 26 8' 0" BETWEEN CENTRES

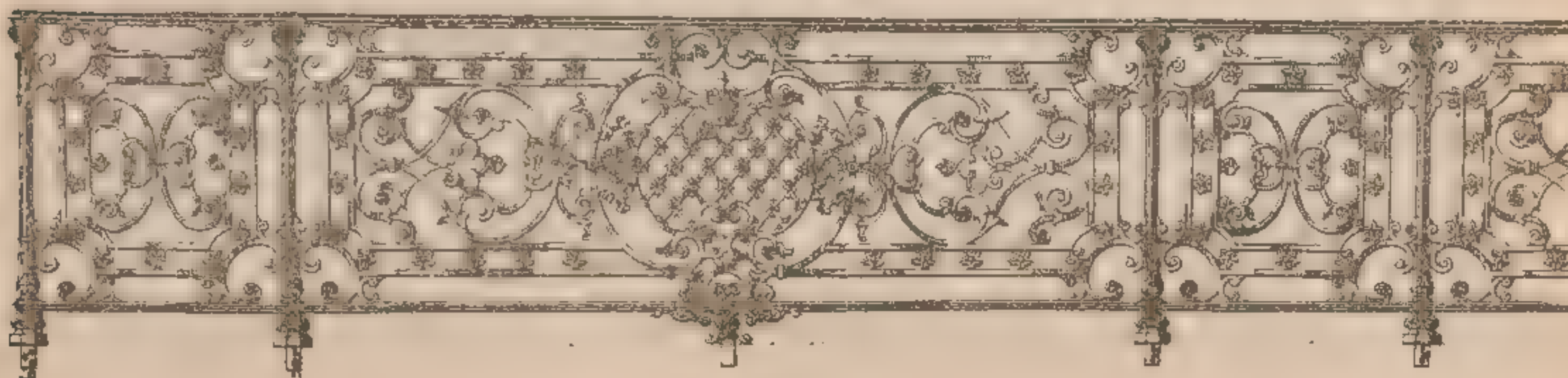
Also 3' 2 1/2", and 4' 10" between centres, which can be used separately or together in various combinations.

N^o 1011N^o 420N^o 459

Any size to order.

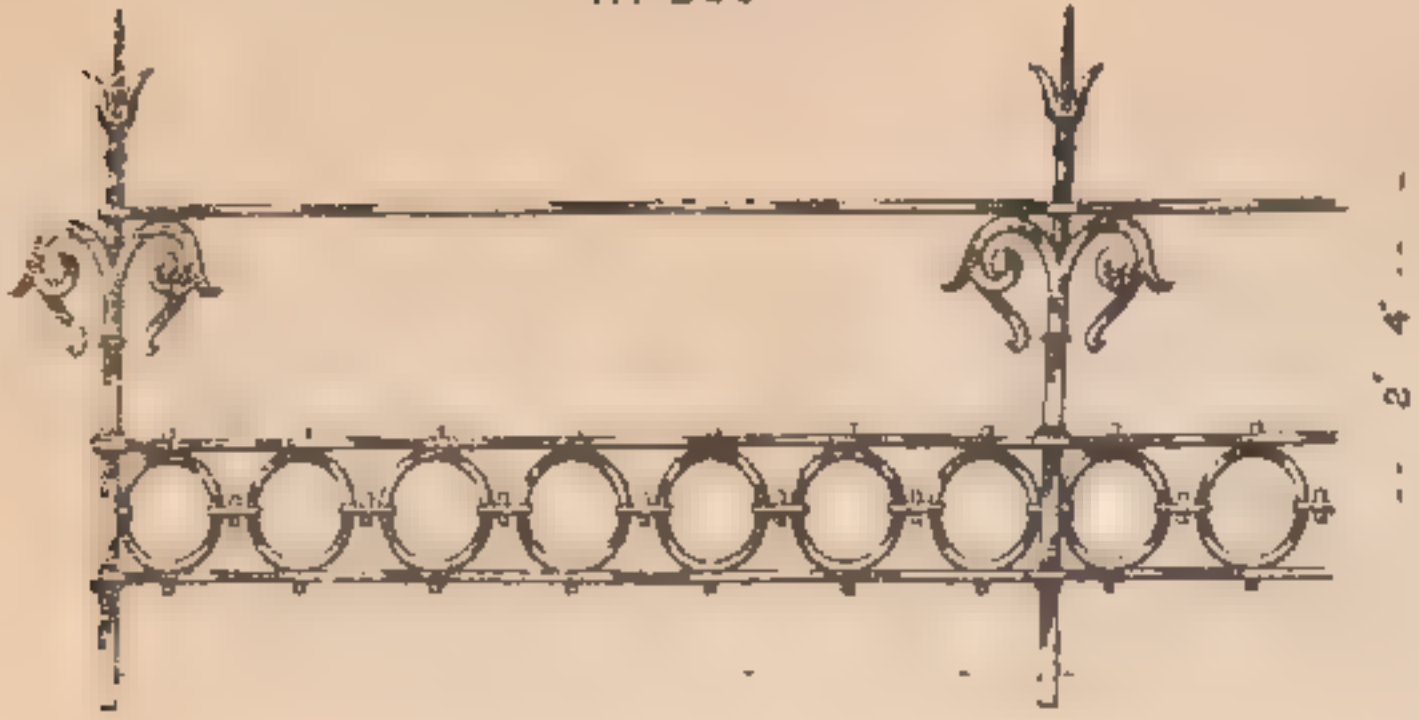
N^o 421-5' 8 3/4" BETWEEN CENTRES

Also 1' 11 1/2", 3' 10", 4' 11 1/2", and 6' 2 1/2" between centres, which can be used separately or together in various combinations, as illustrated below

N^o 57N^o 421- 1 1/2' + 6' 2 1/2" BETWEEN CENTRES

SCALE

Nº 206



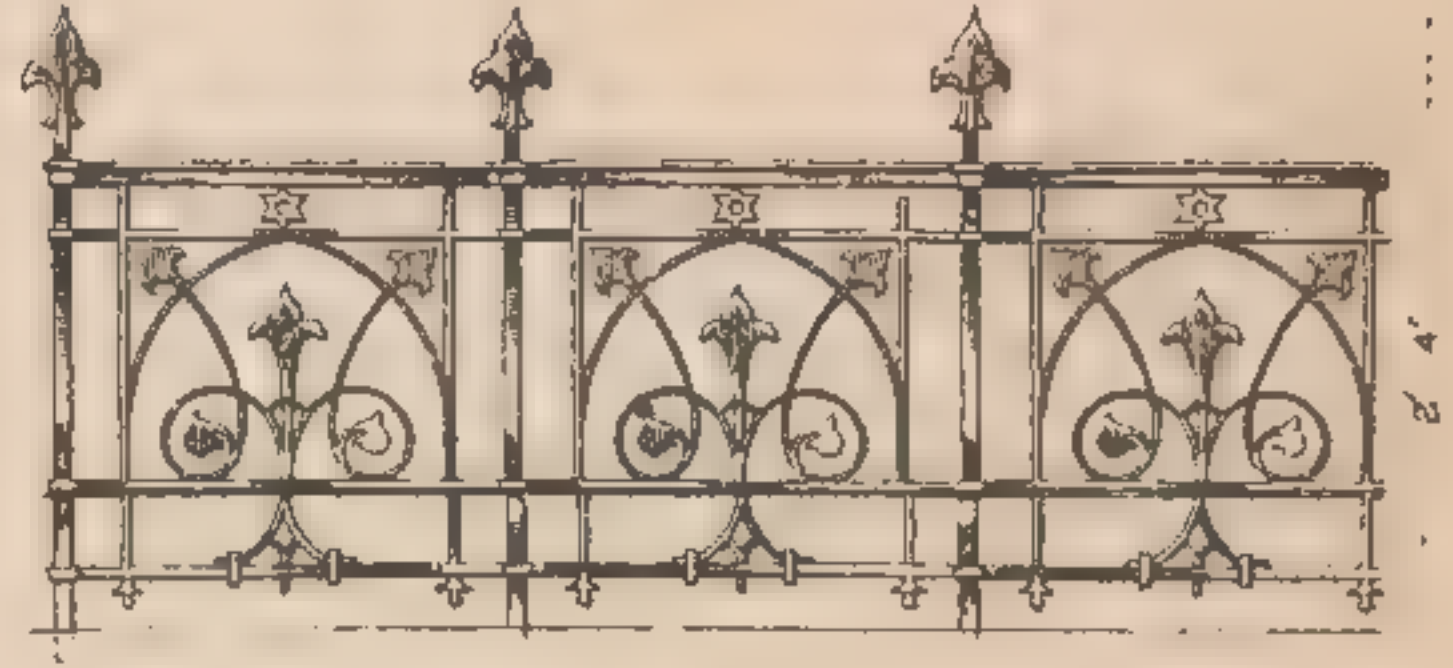
Nº 12



Nº 200



Nº 95



Nº 45



Nº 135



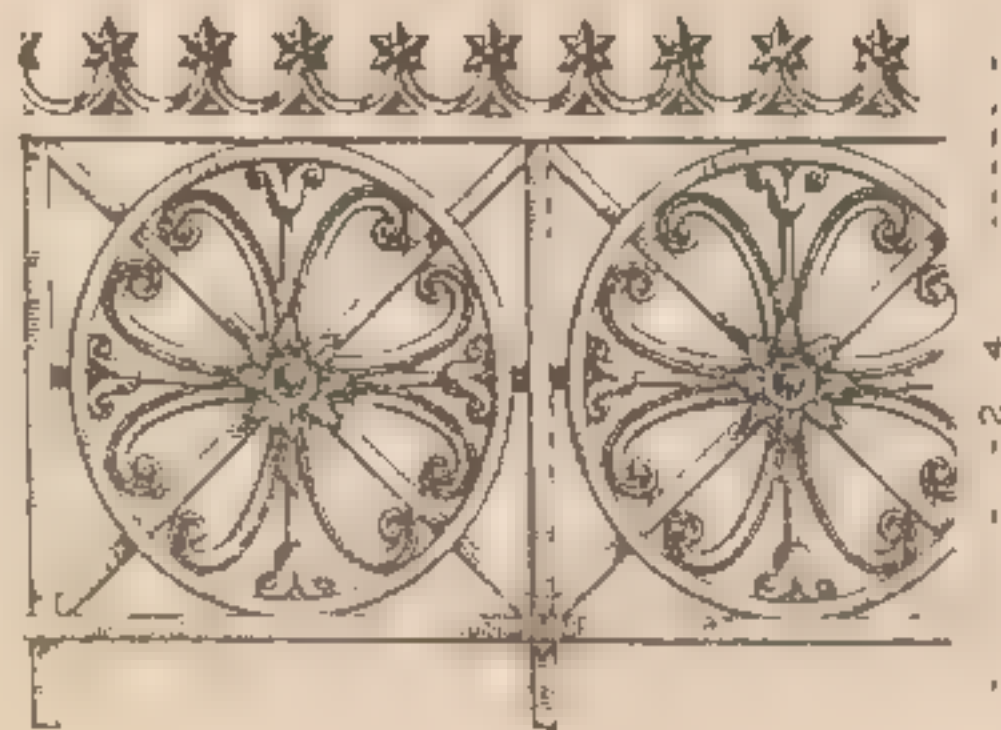
Nº 947



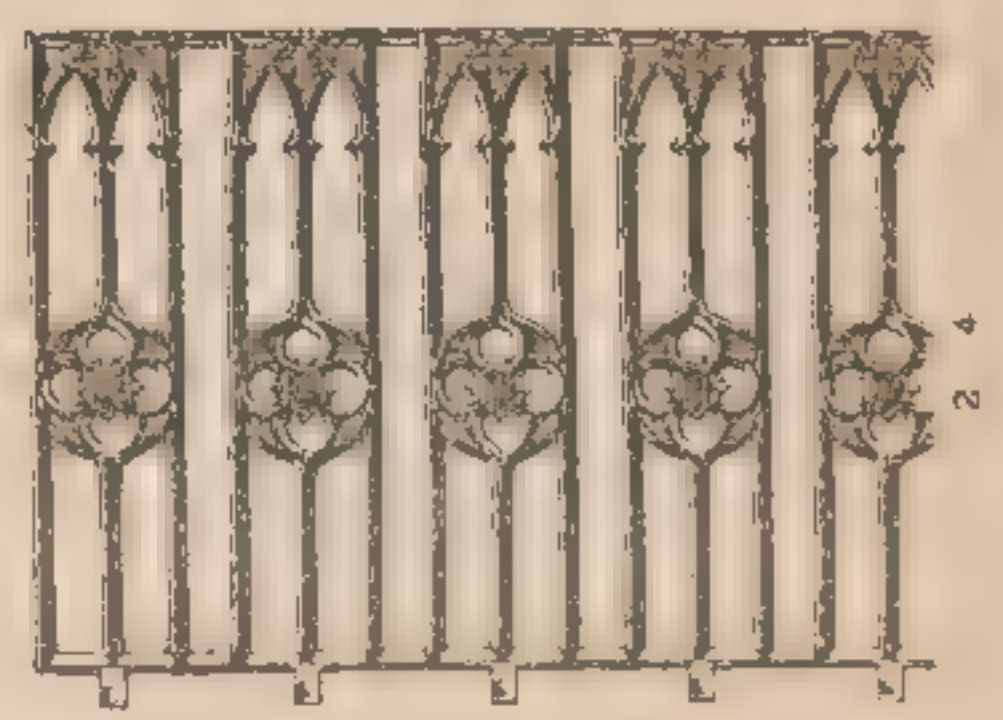
Nº 76



Nº 132



Nº 374



Nº 338



Nº 211

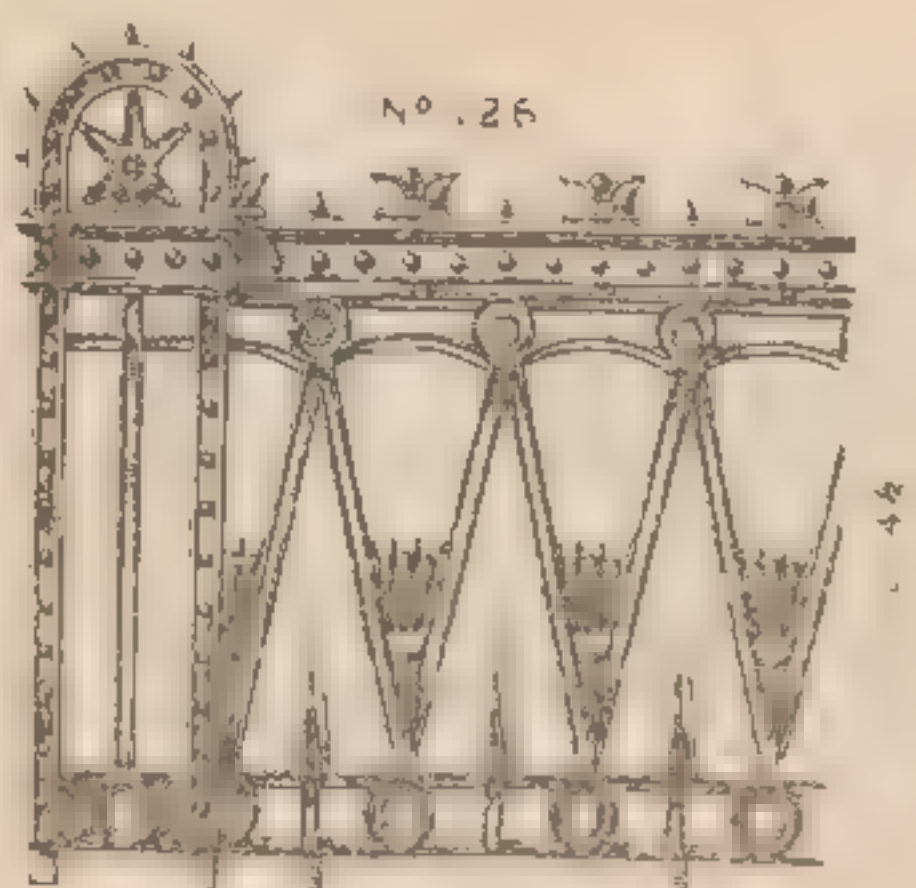
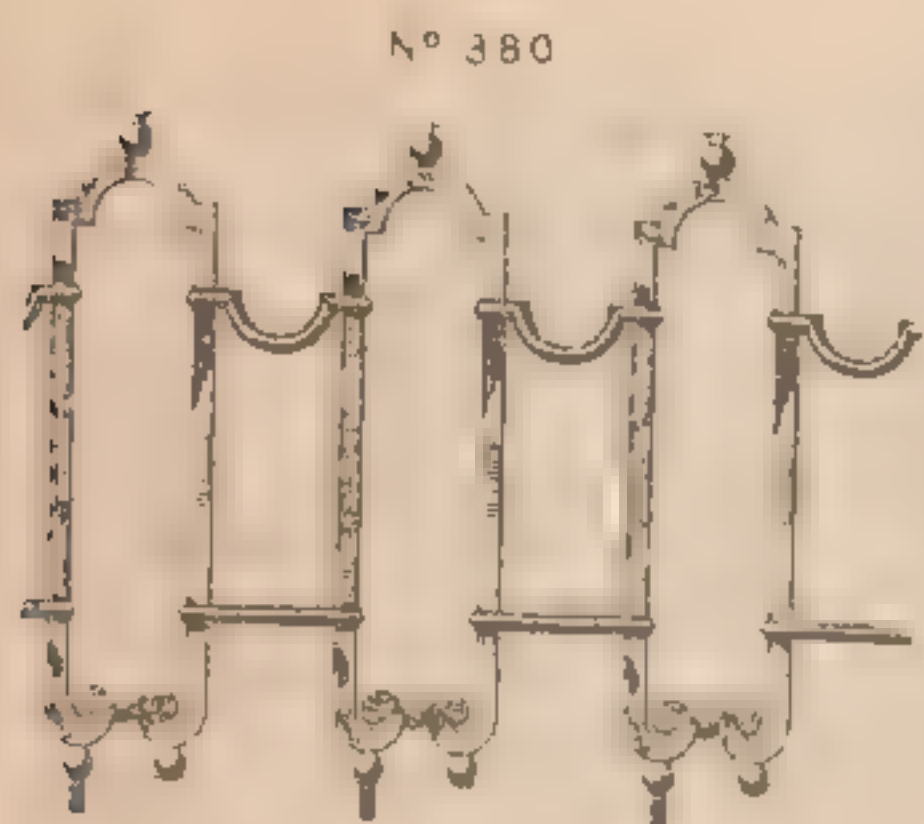
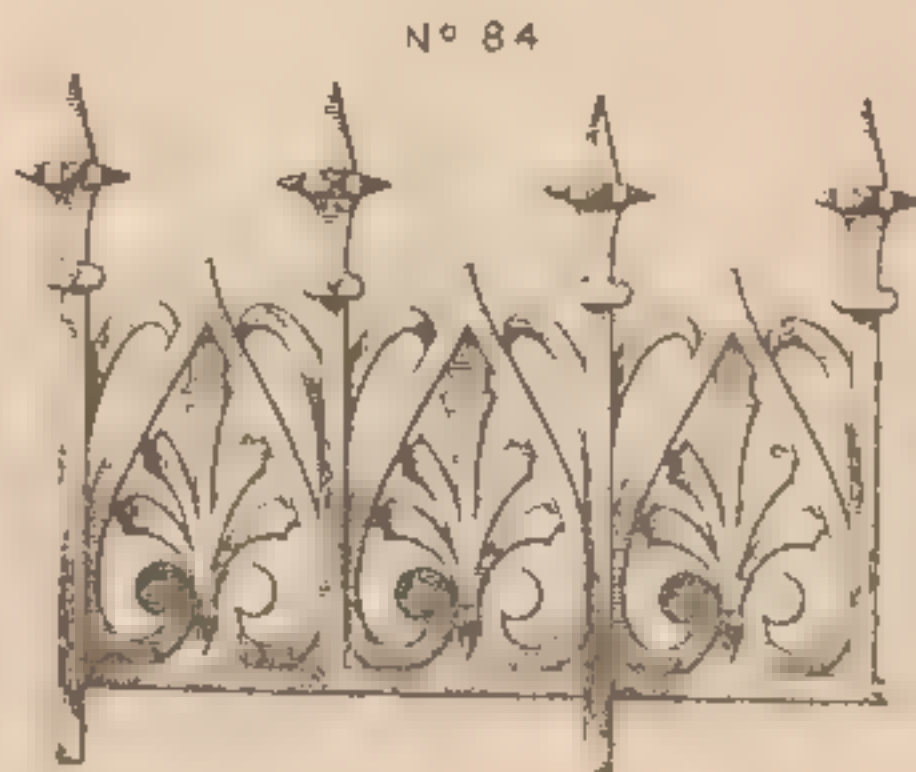
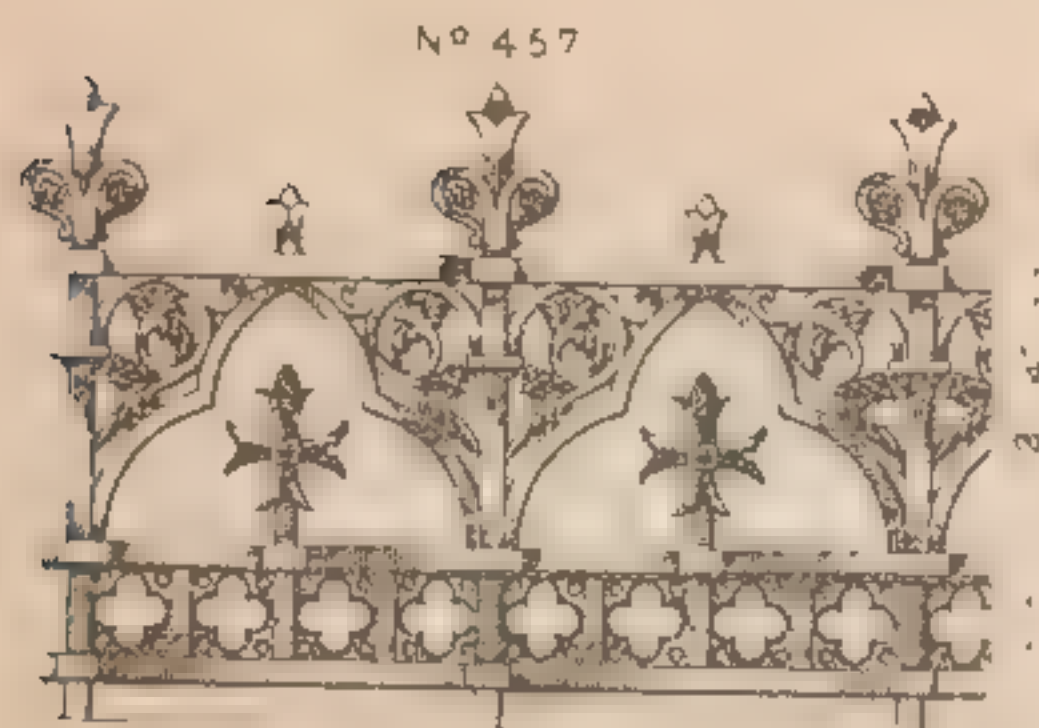
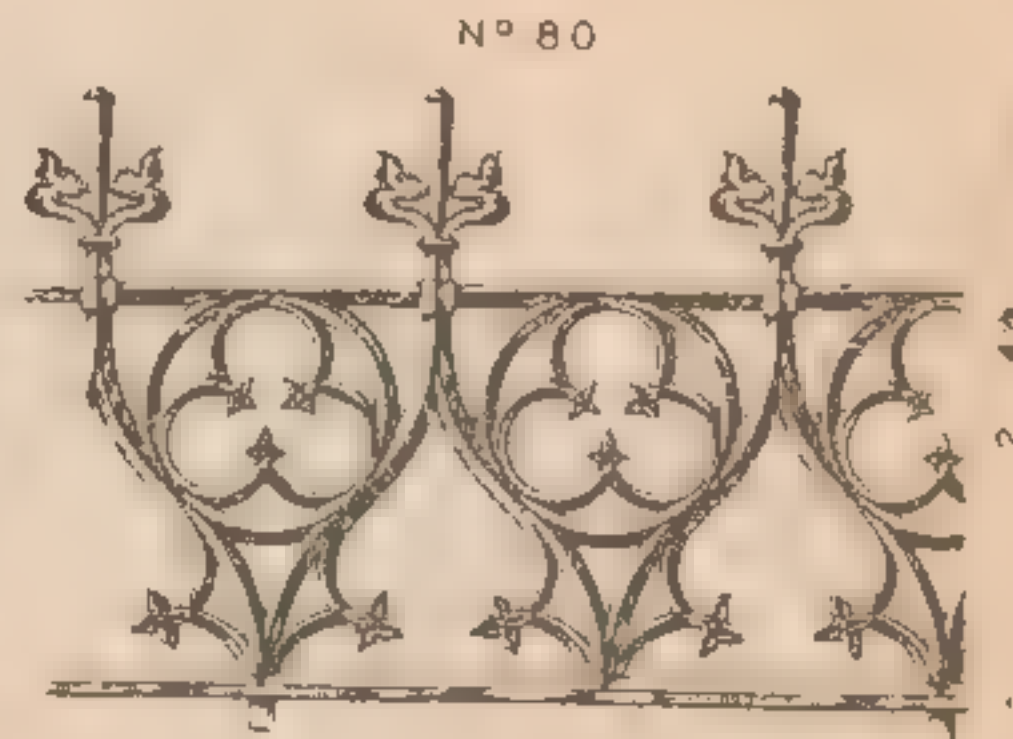
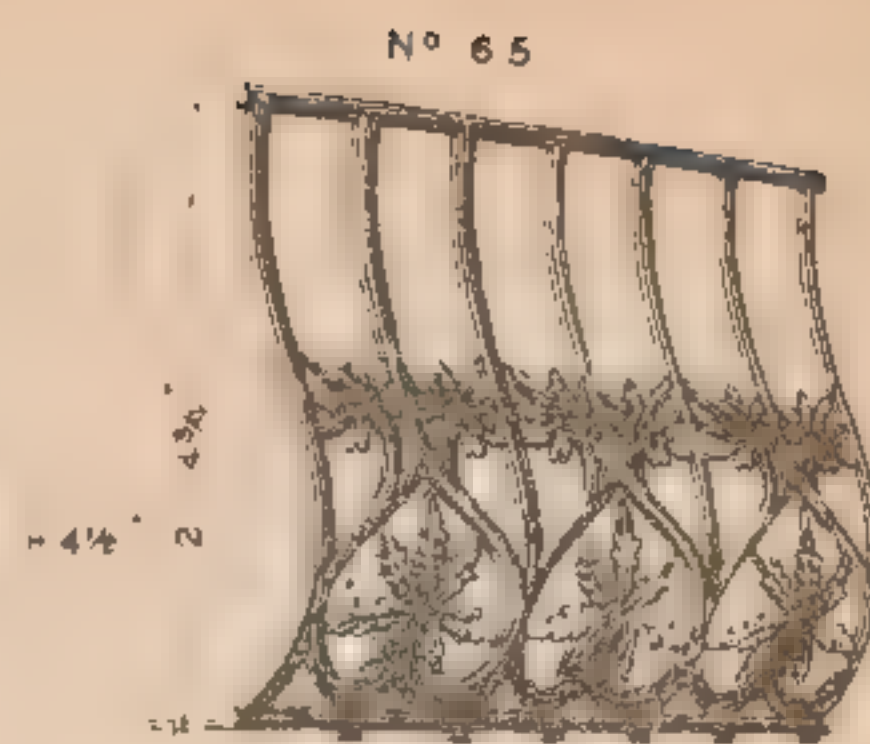
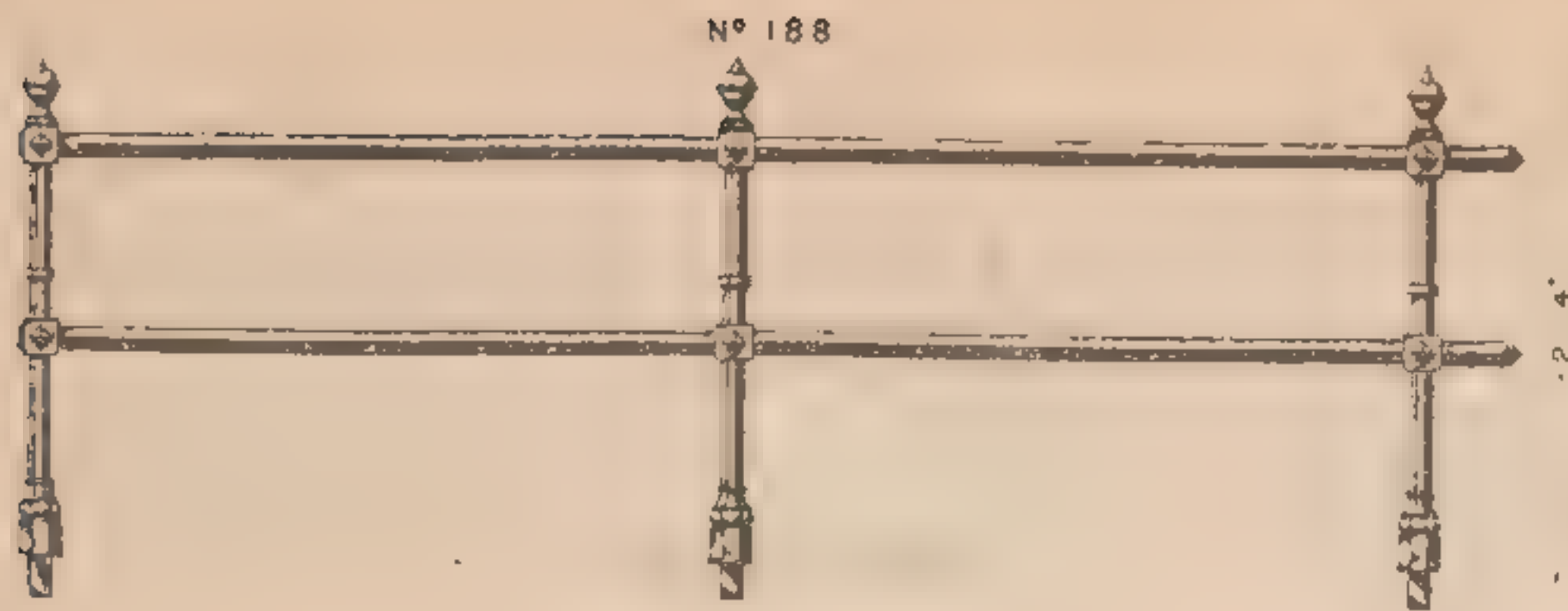


Nº 295

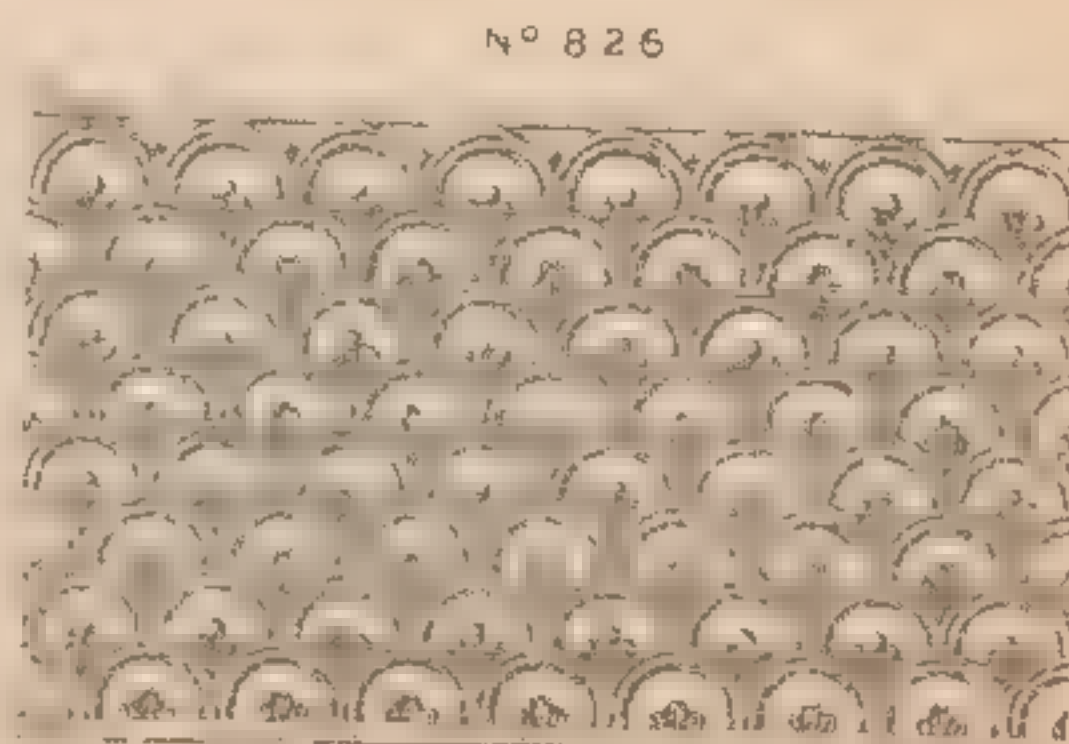
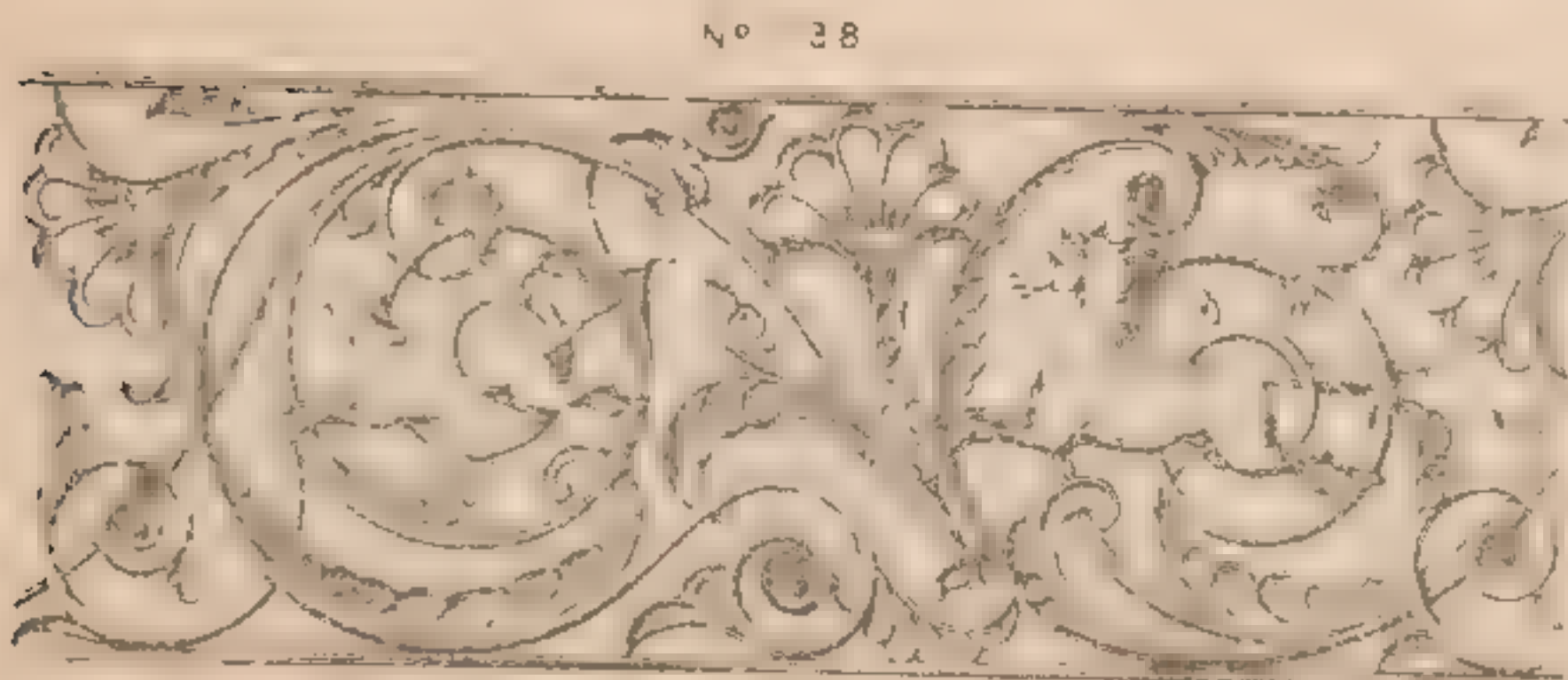
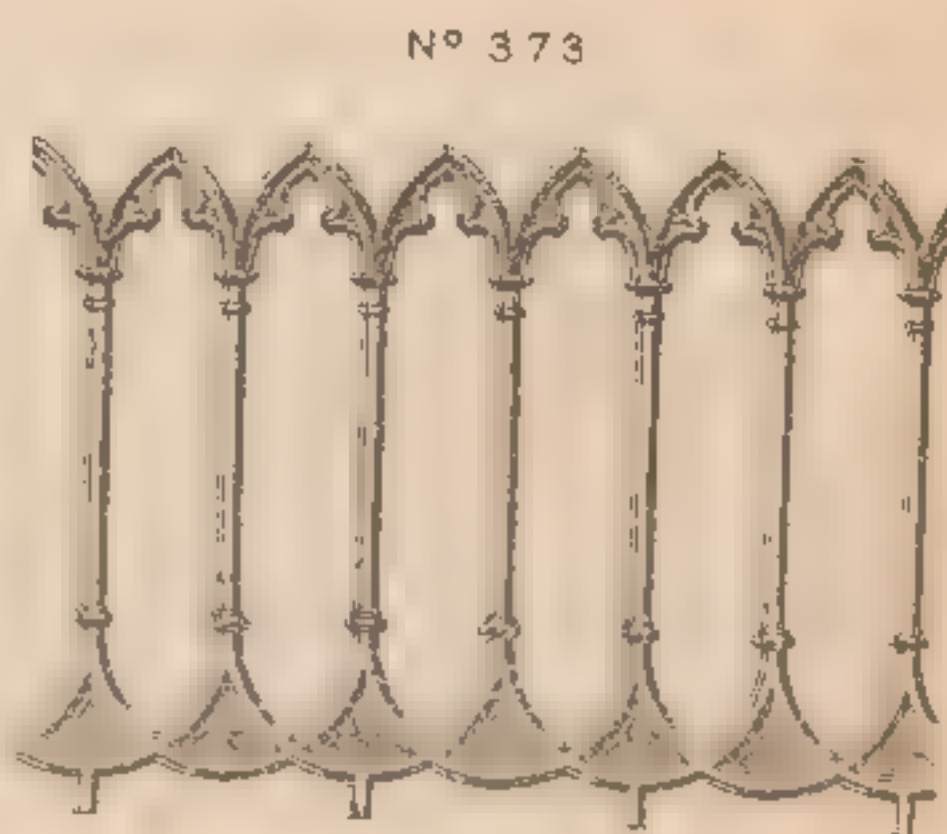


SCALE





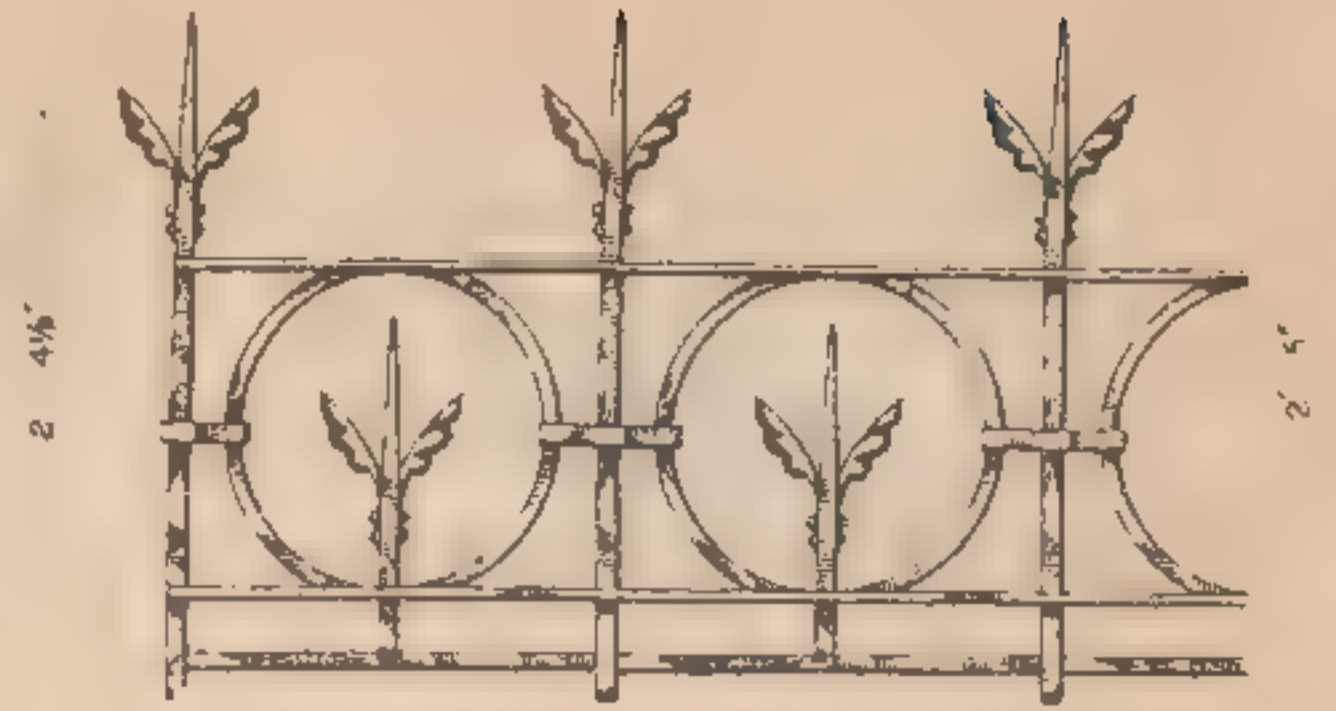
Main Standard priced separate



Nº 1091



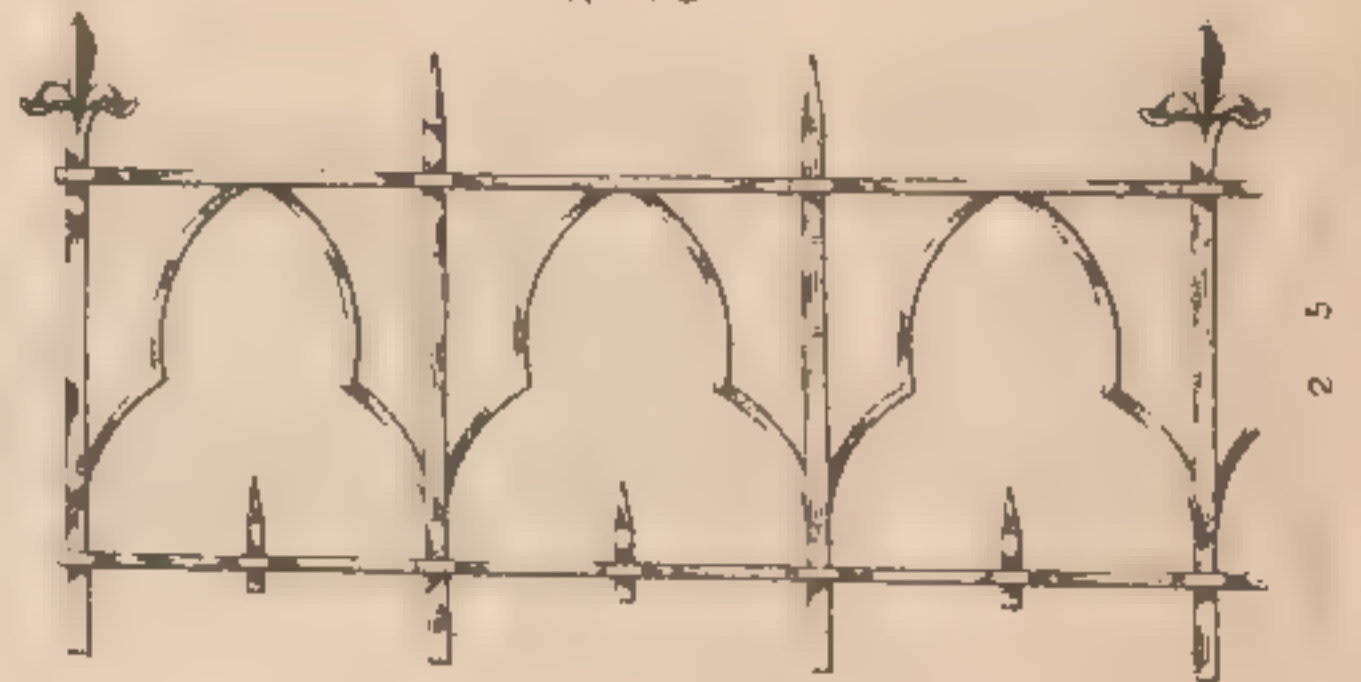
Nº 93



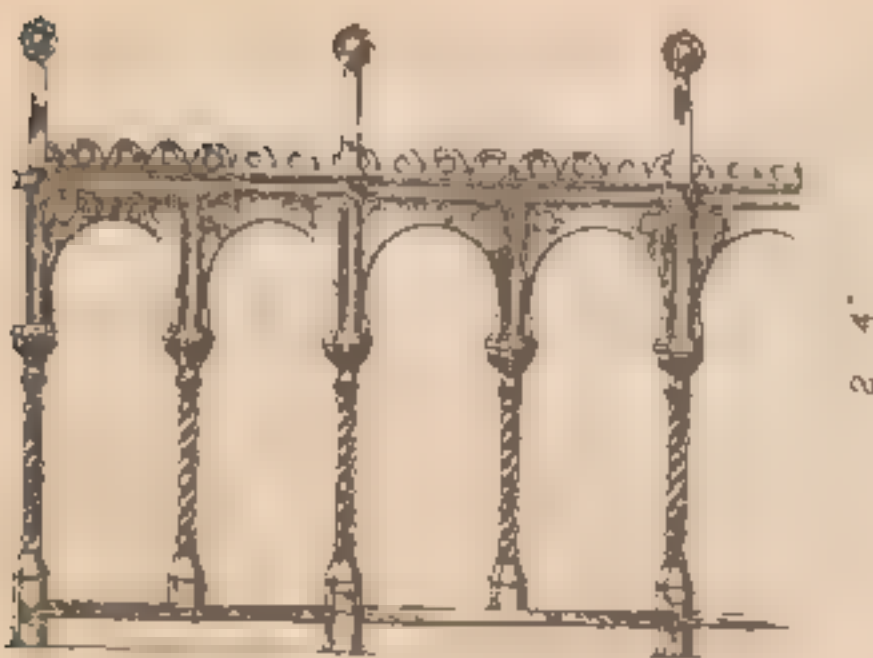
Nº 1



Nº 73



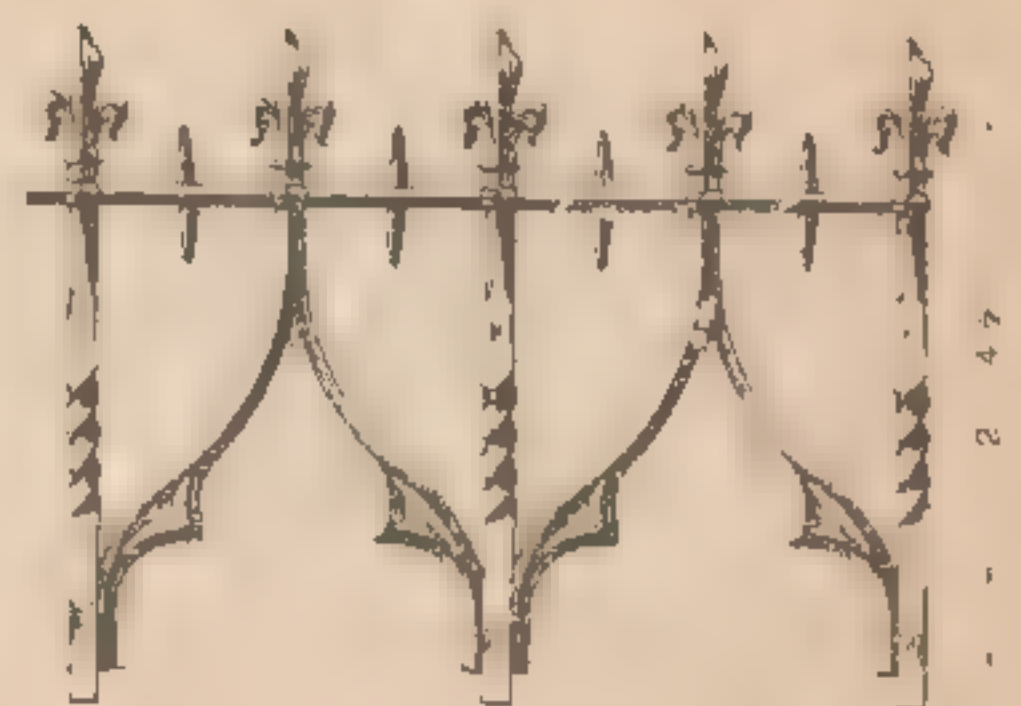
Nº 929



Nº 878



Nº 277



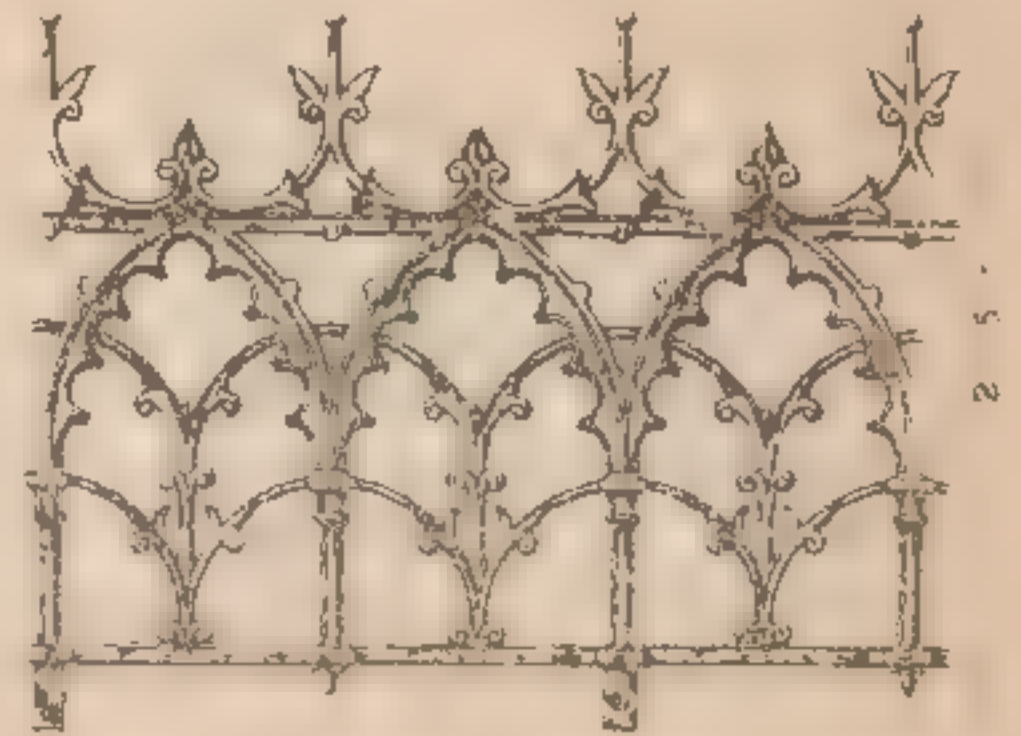
Nº 211



Nº 317



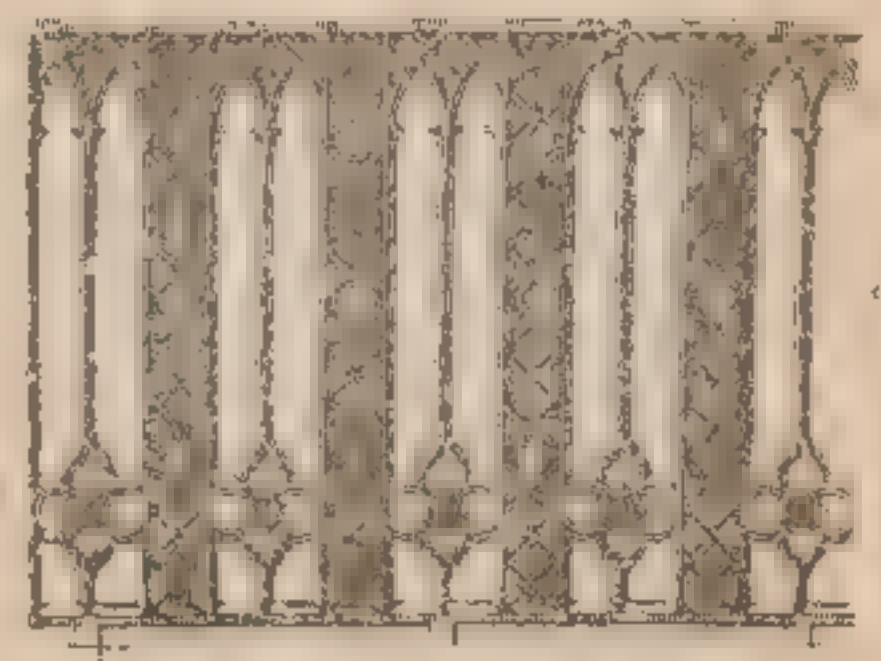
Nº 52



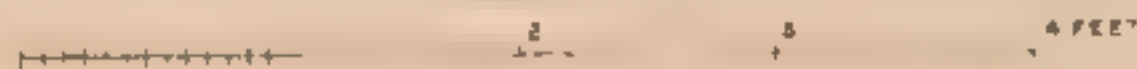
Nº 25



Nº 821



SCALE



Nº 68



Main Standard priced separately

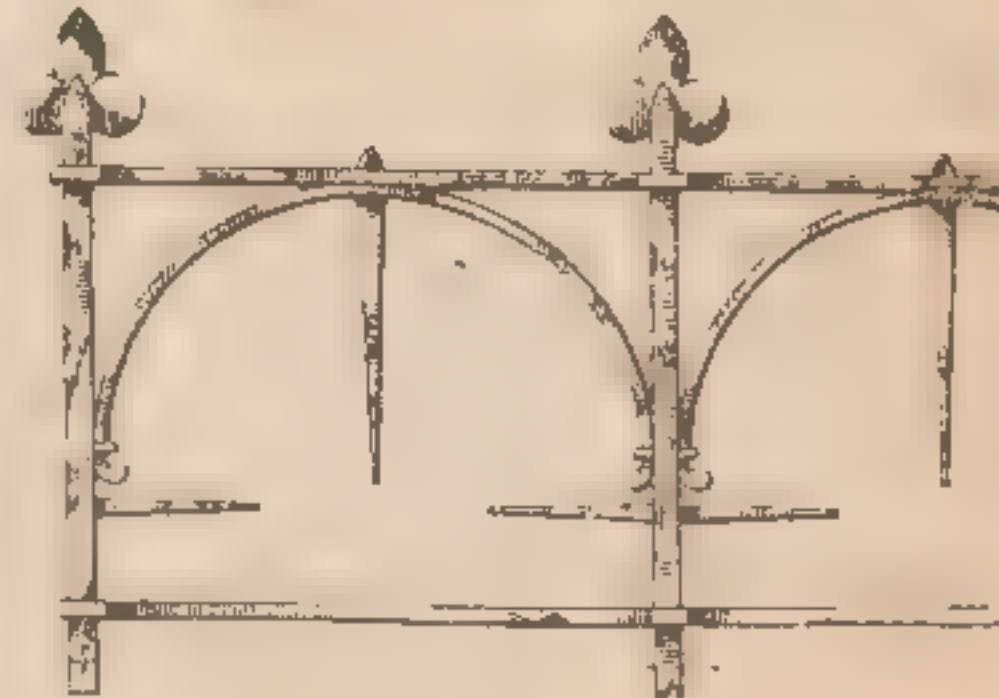
Nº 50



Nº 201



Nº 67



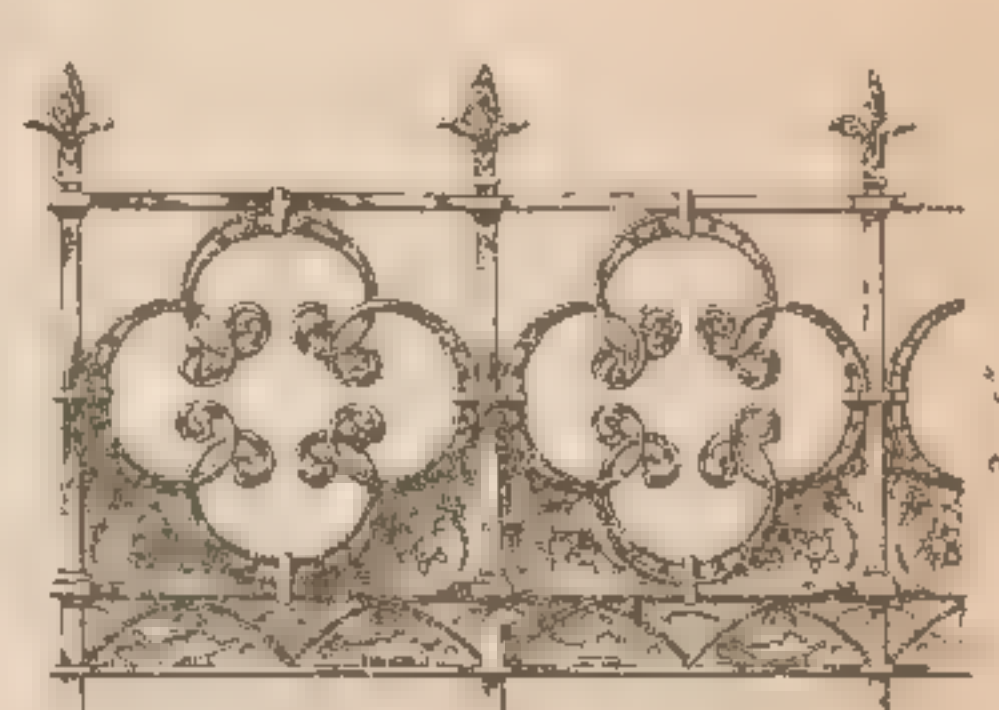
Nº 28



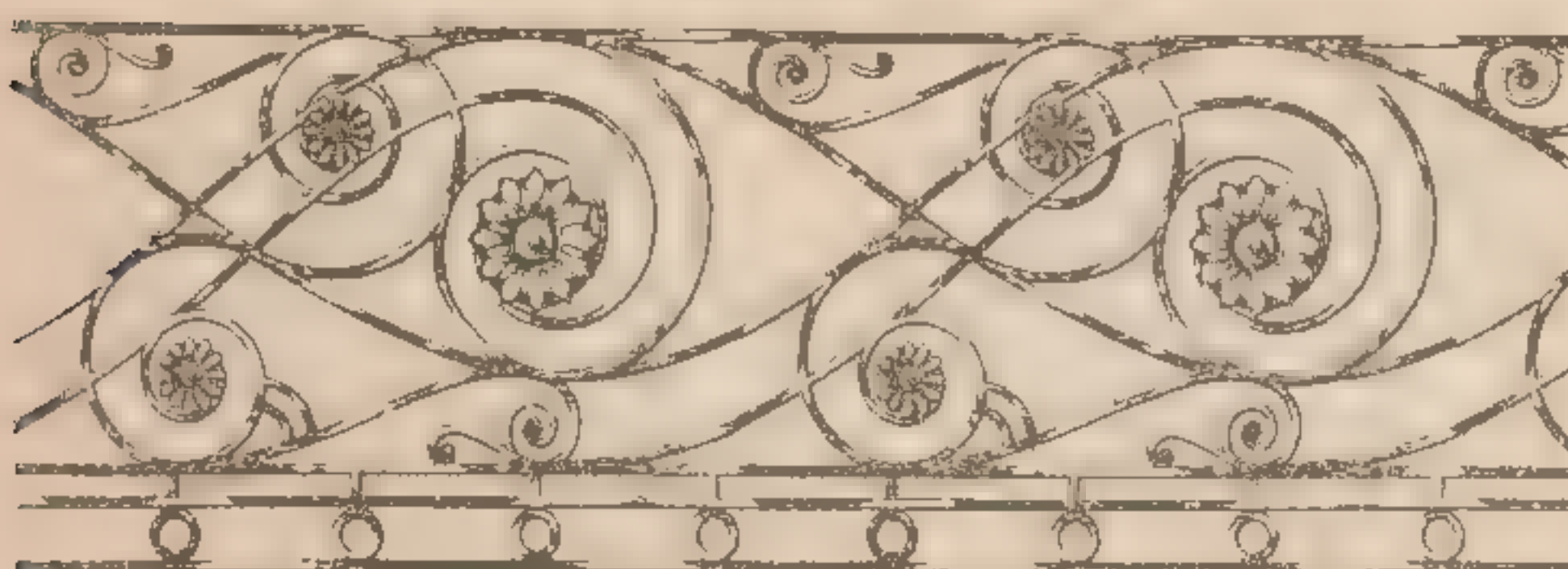
Nº 131



Nº 45



Nº 956



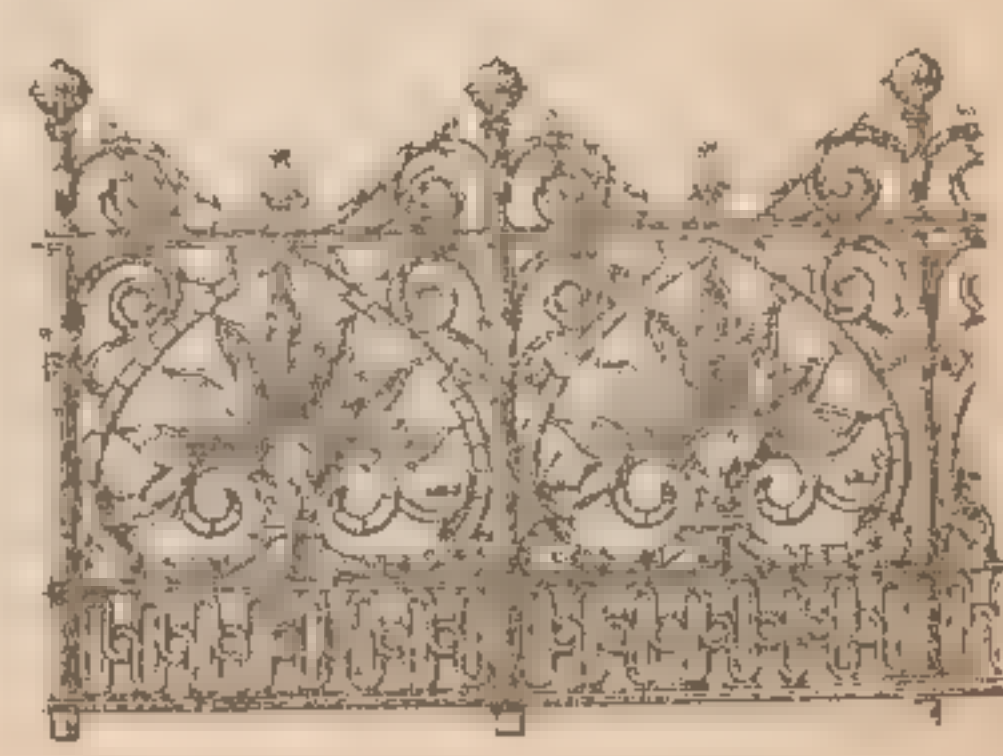
Nº 1070



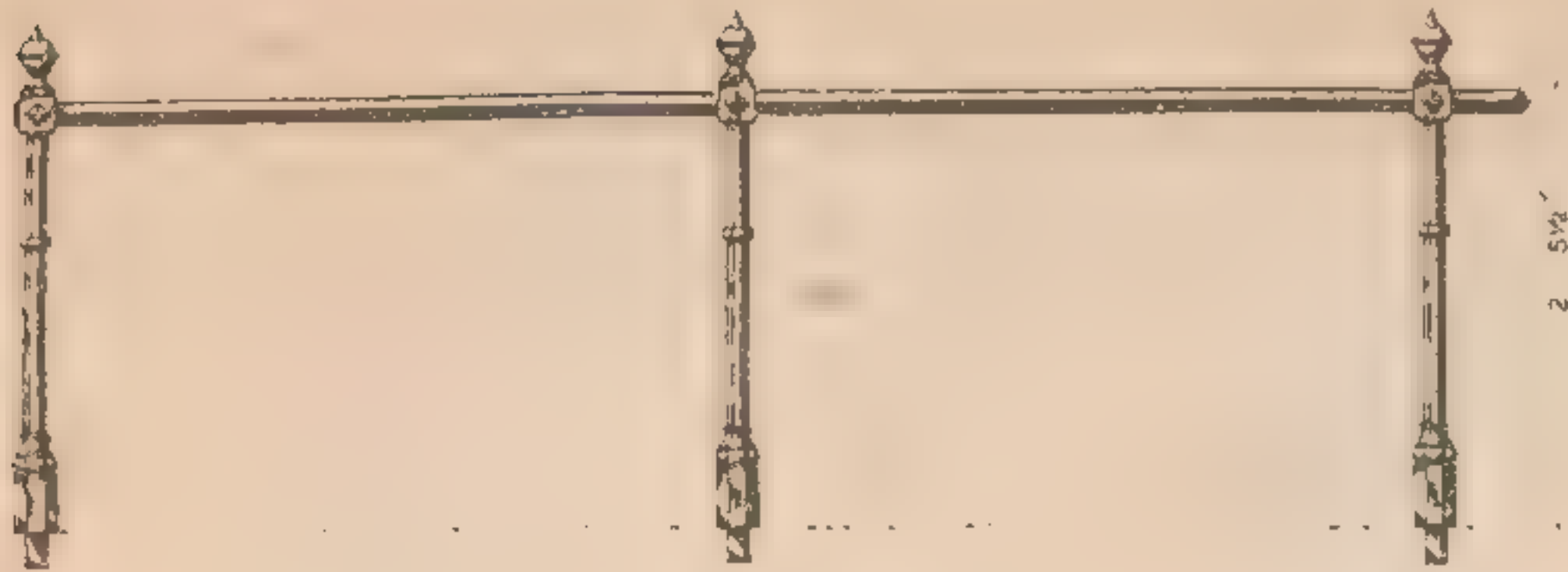
Nº 155



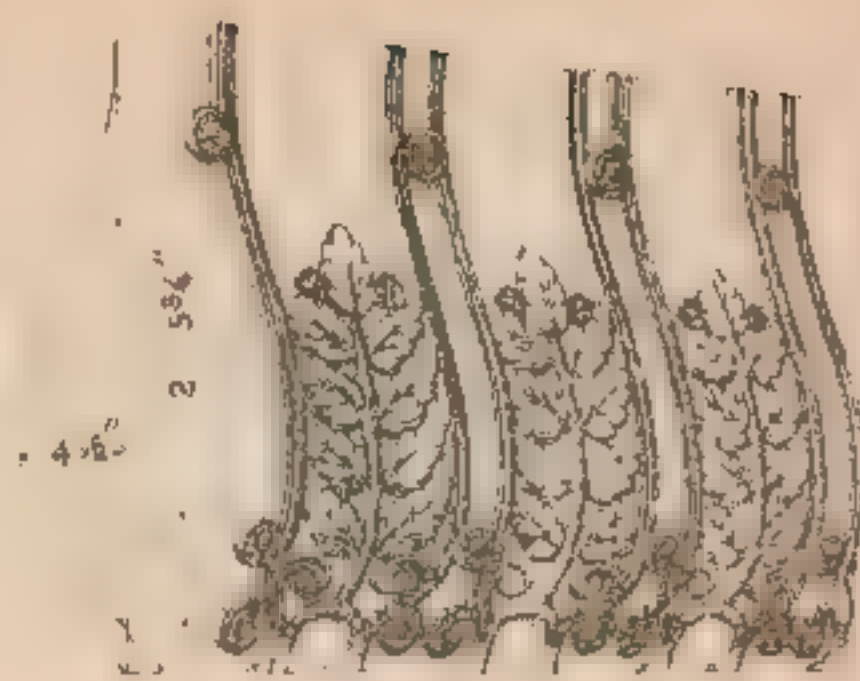
Nº 48



N° 188



N° 131



N° 39

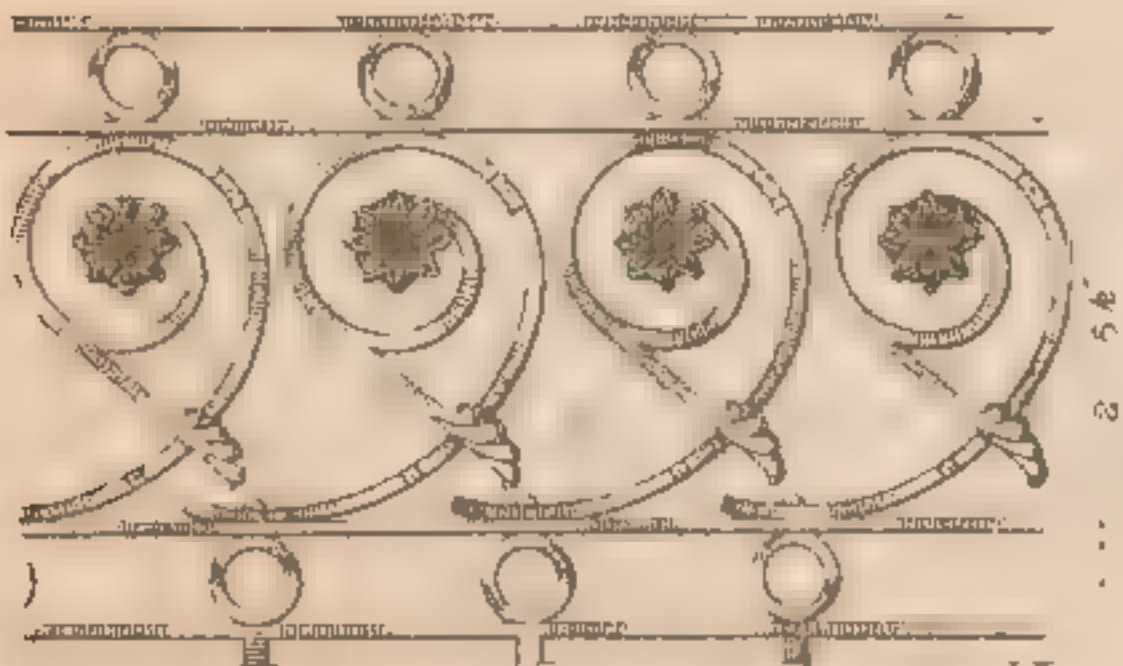


N° 110

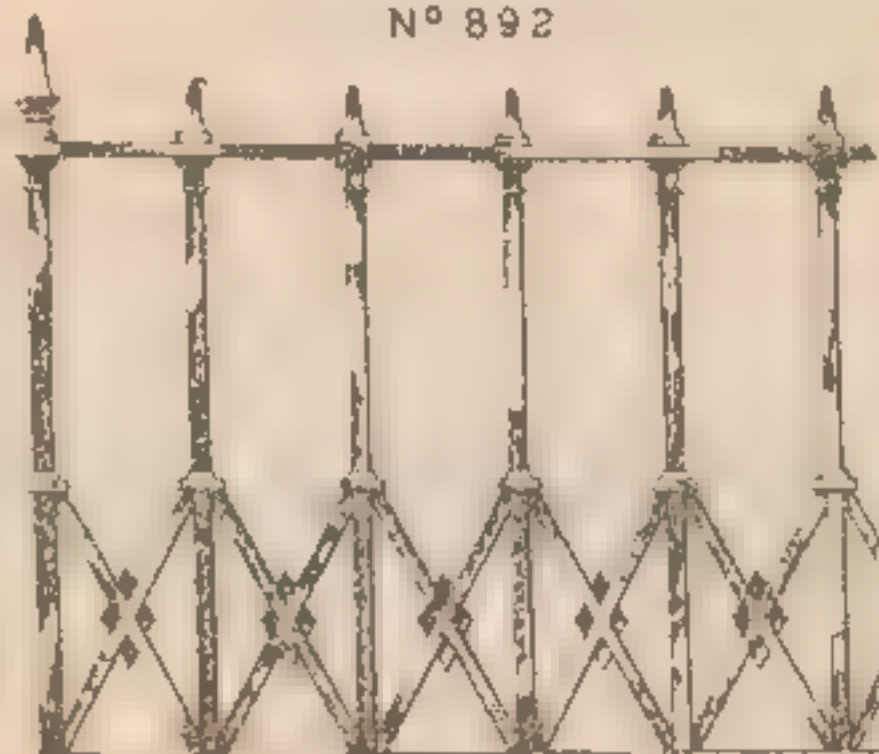


1 AND 2 FACES

N° 913



N° 892

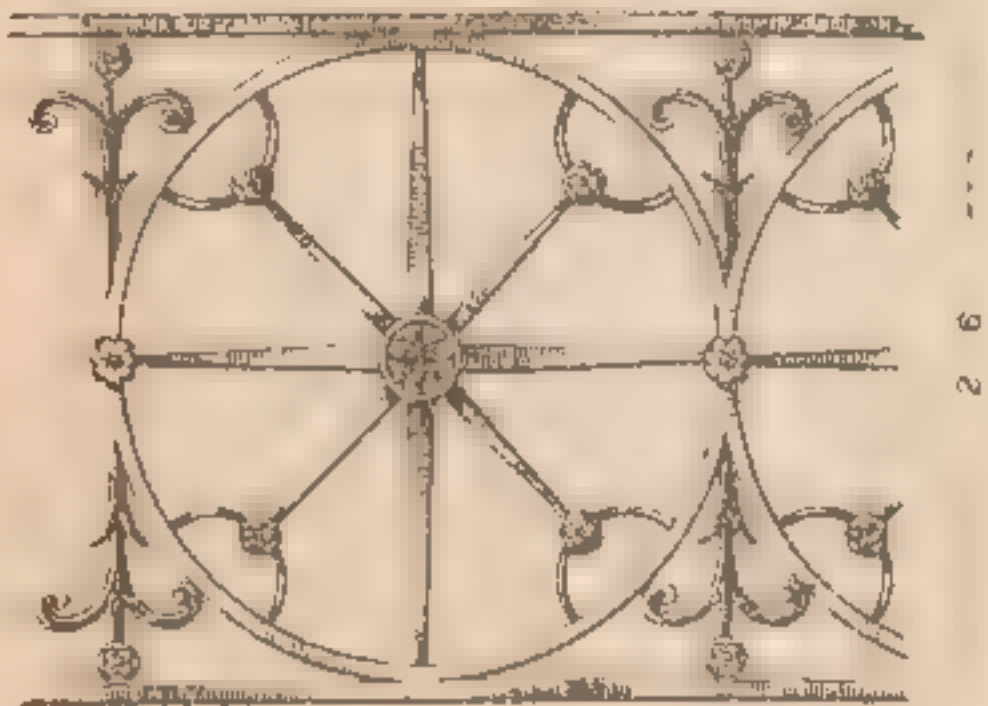


N° 802



Main Standard priced separately

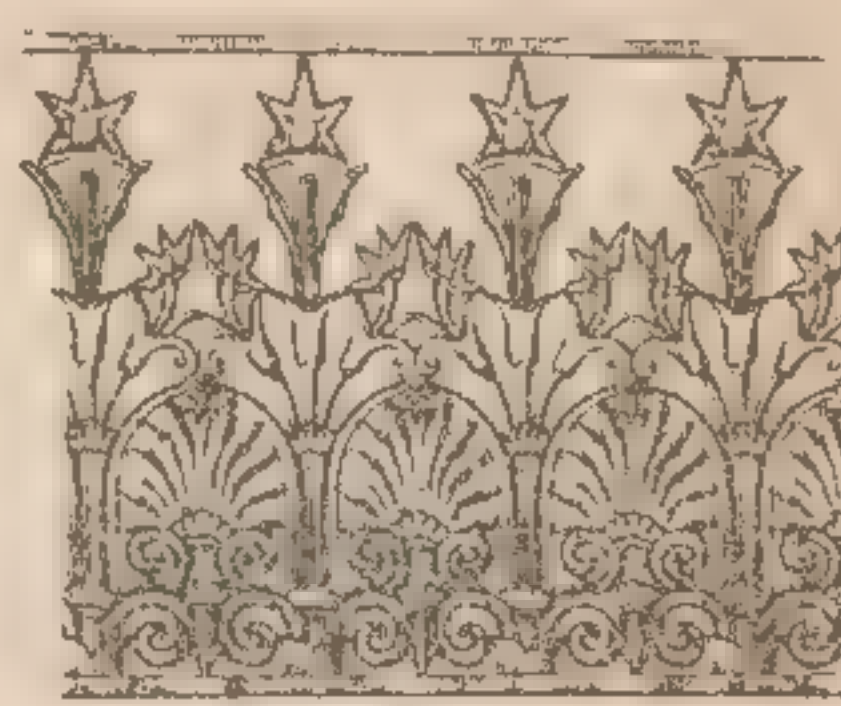
N° 108



N° 309



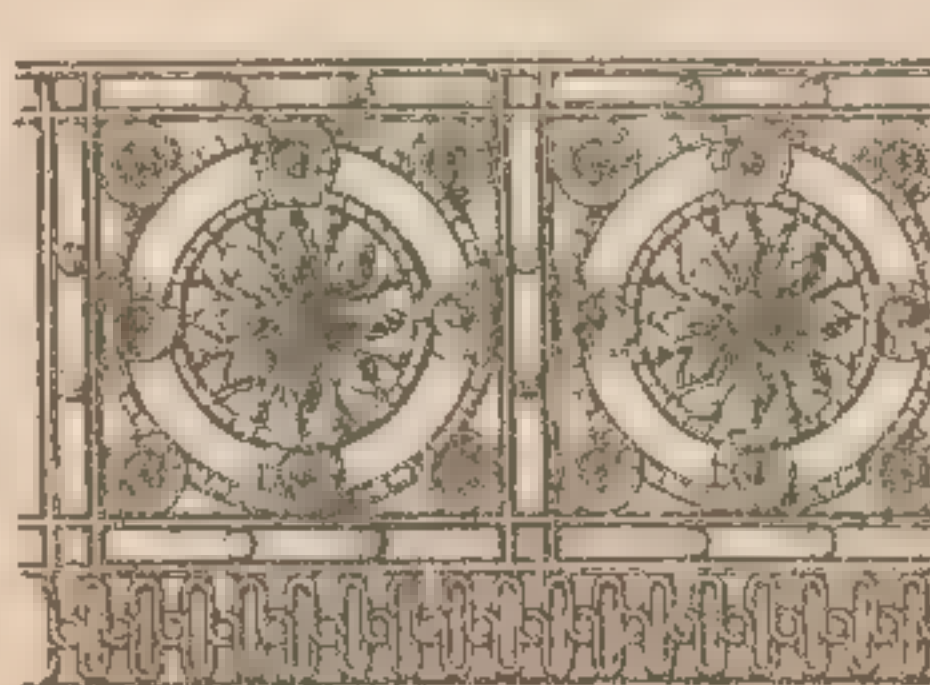
N° 57



N° 57 with Handrail 1005c.



N° 53



N° 42

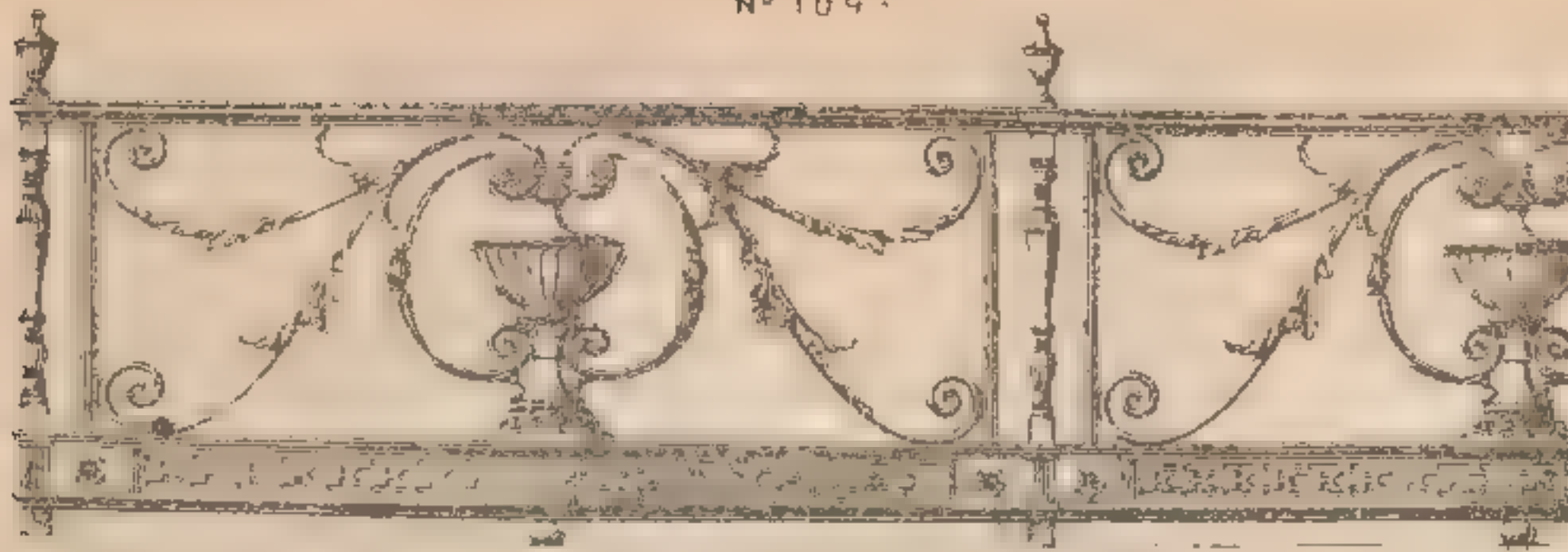


SCALE

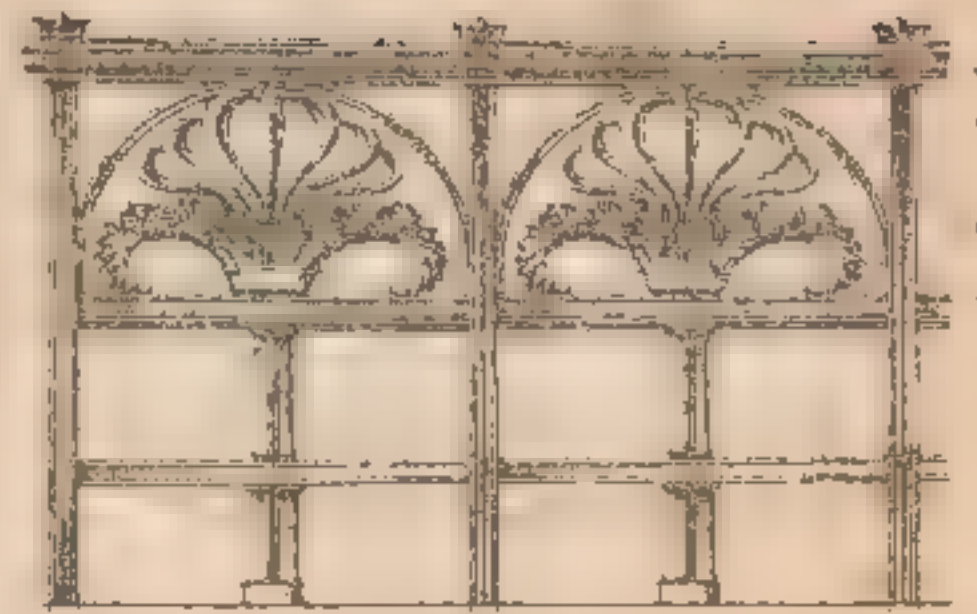


4 7617

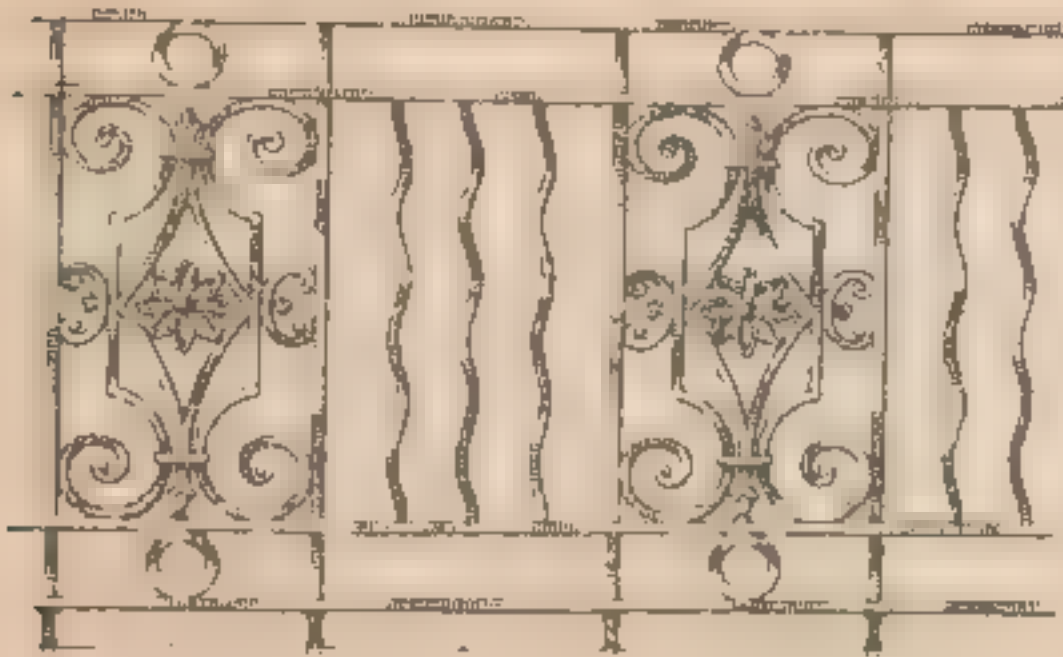
No 1093



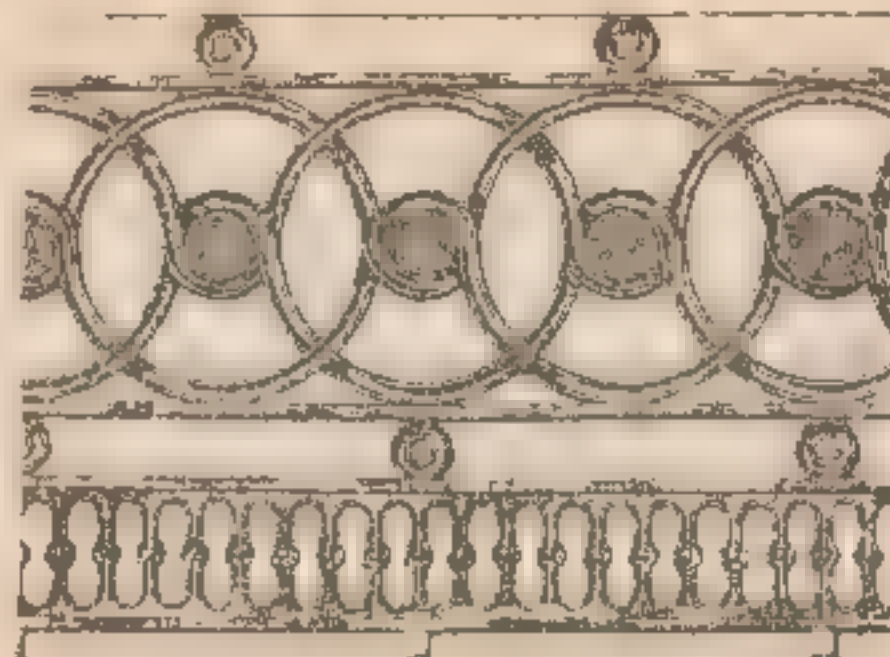
No 263



No 33



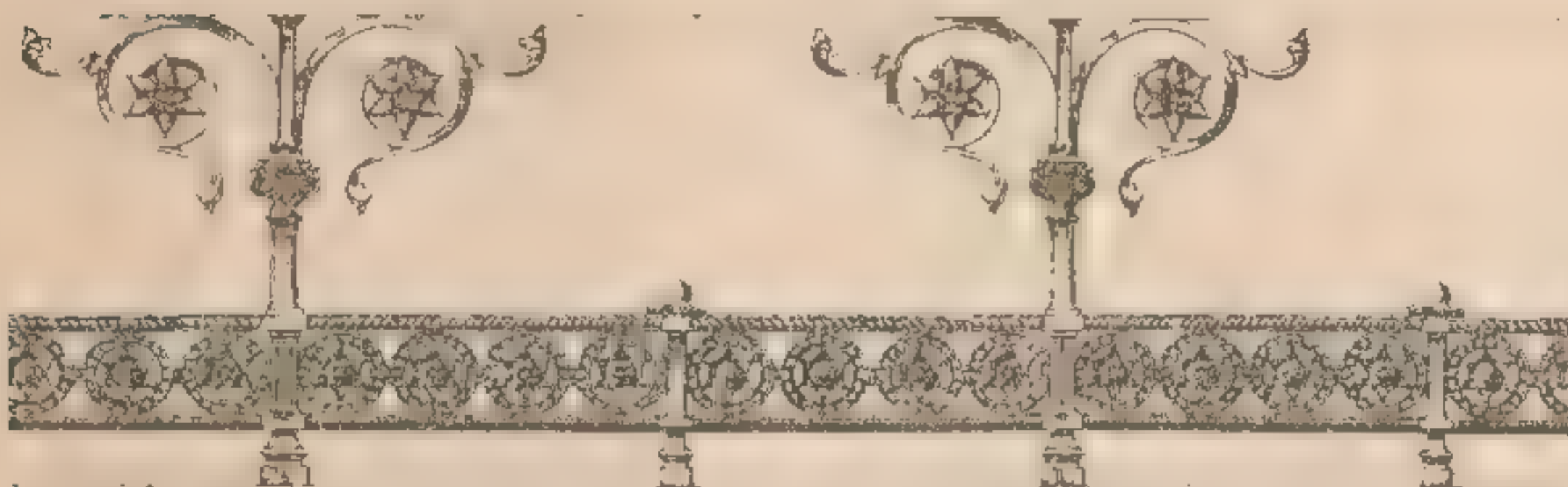
No 242



No 26



No 907



No 139



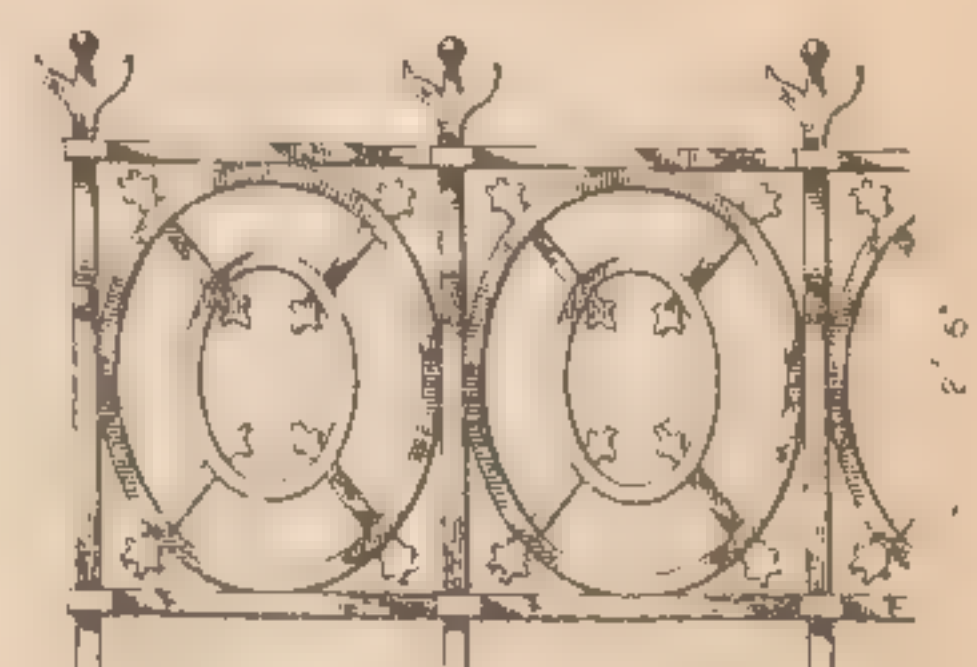
No 973



No 809



No 147



No 437 4' 7 1/2" BETWEEN CENTRES

Also 3' 5", 3' 9", 4' 1 1/2", 4' 4 1/2" and 5' 11 1/2" between centres, which can be used separately or together in various combinations.



No 8.



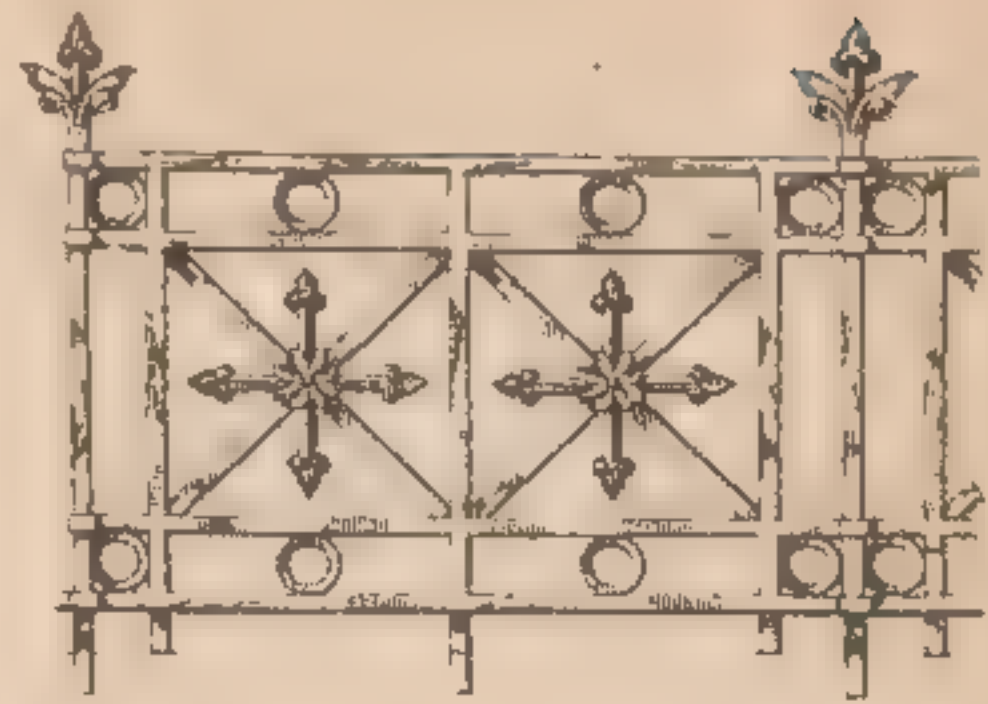
SCALE

2 5 4 FEET

Nº 20



Nº 2,4



Nº 976



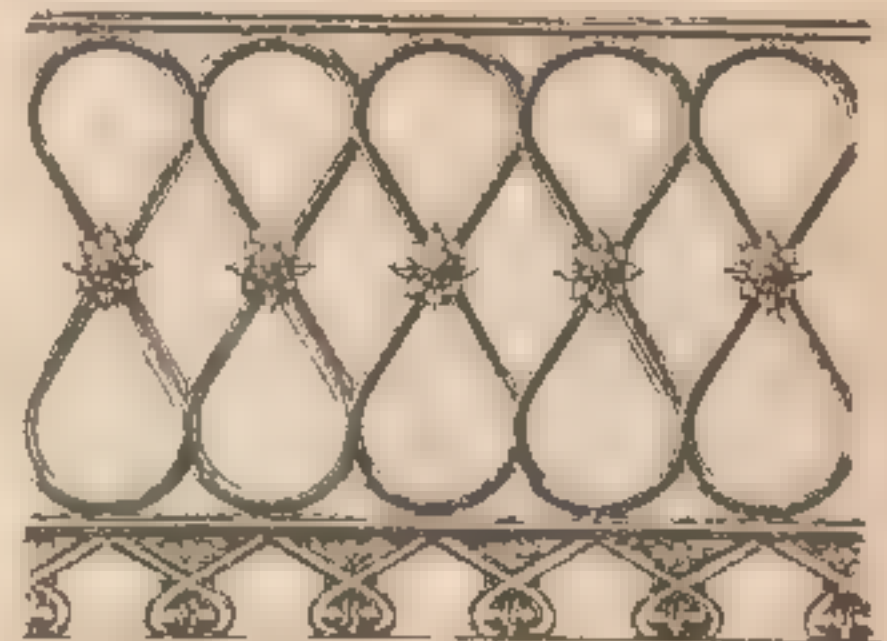
Nº 916



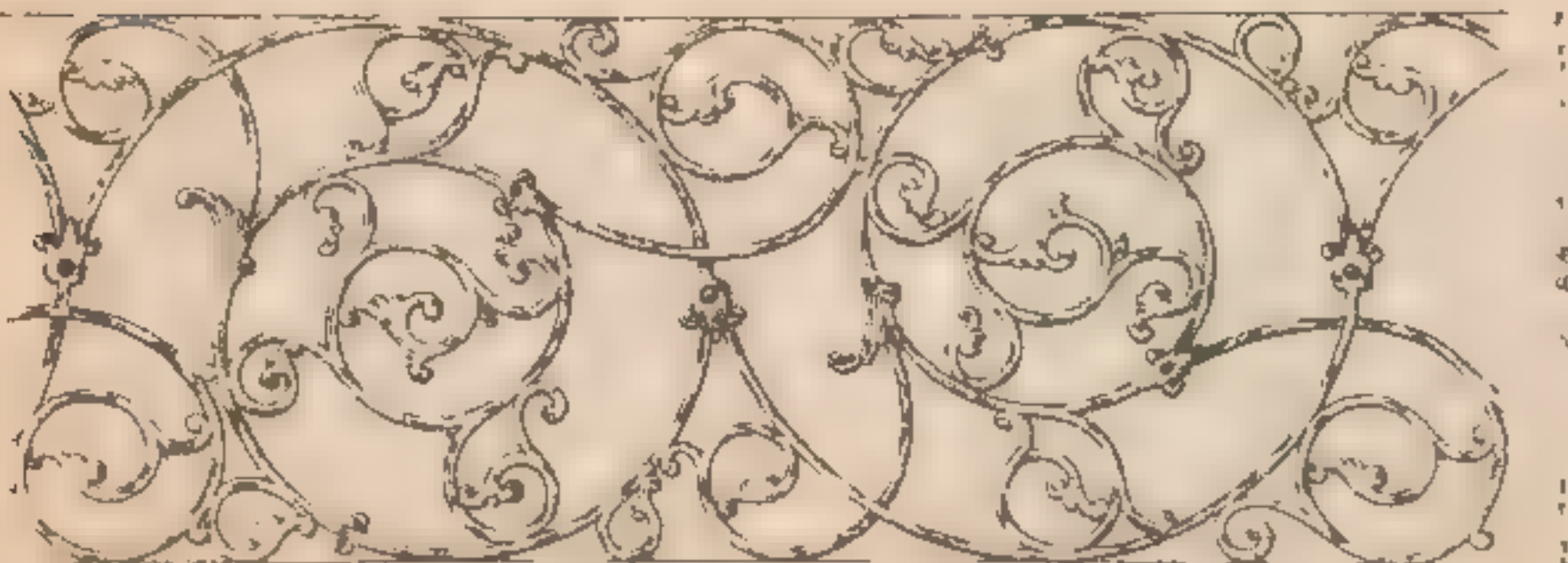
Nº 201



Nº 828



Nº 25



Nº 358



Nº 63



Nº 1020



1 AND 2 FACES

For large centre ornament and standards, see page 275

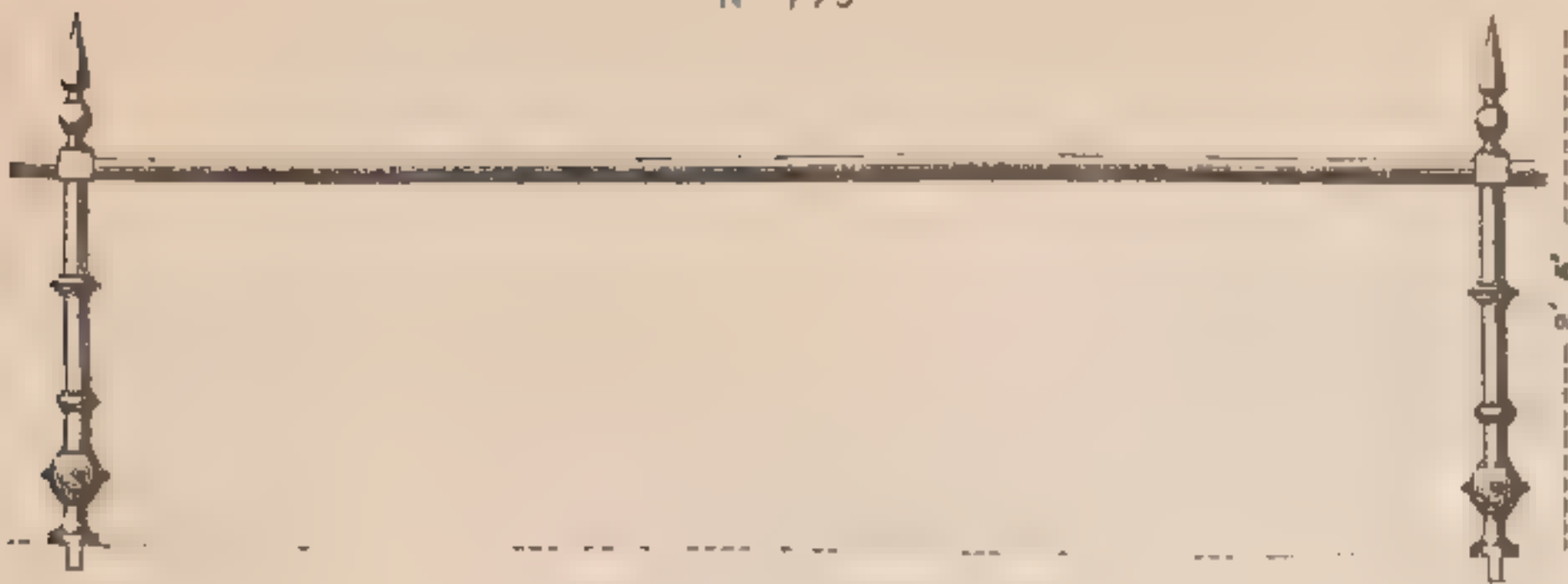
SCALE



2 FEET

MACFARLANE'S CASTINGS — RAILING

Nº 775



The rail of No. 775 is Malleable iron tube

Nº 213



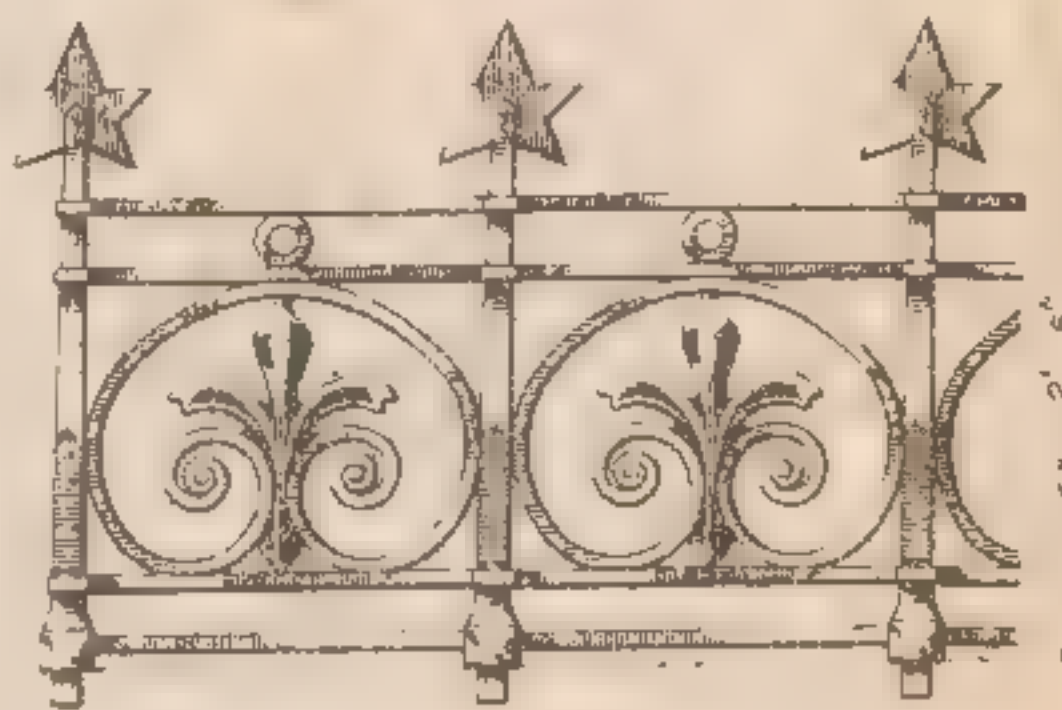
Nº 317



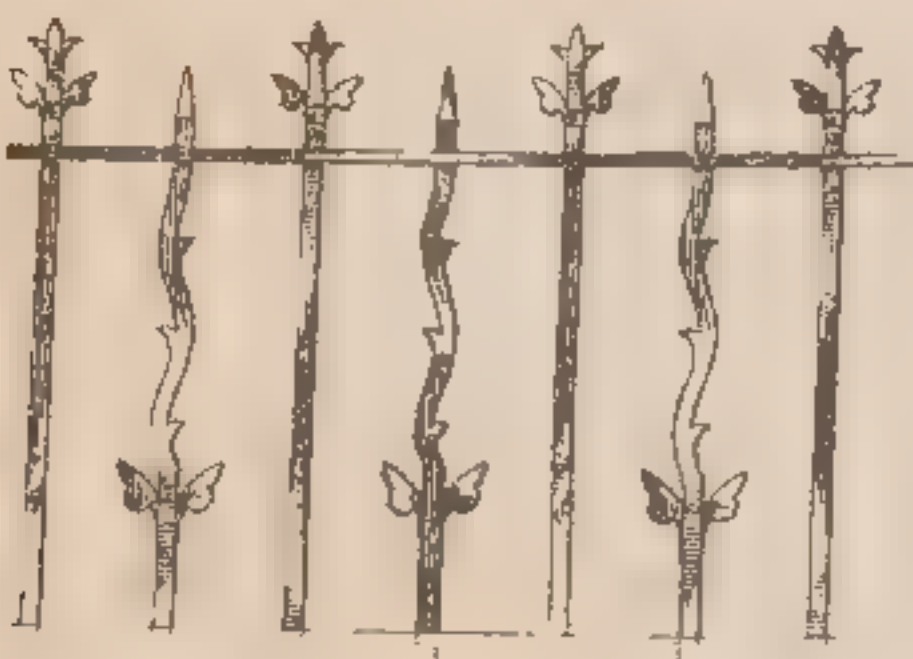
Nº 141



Nº 148



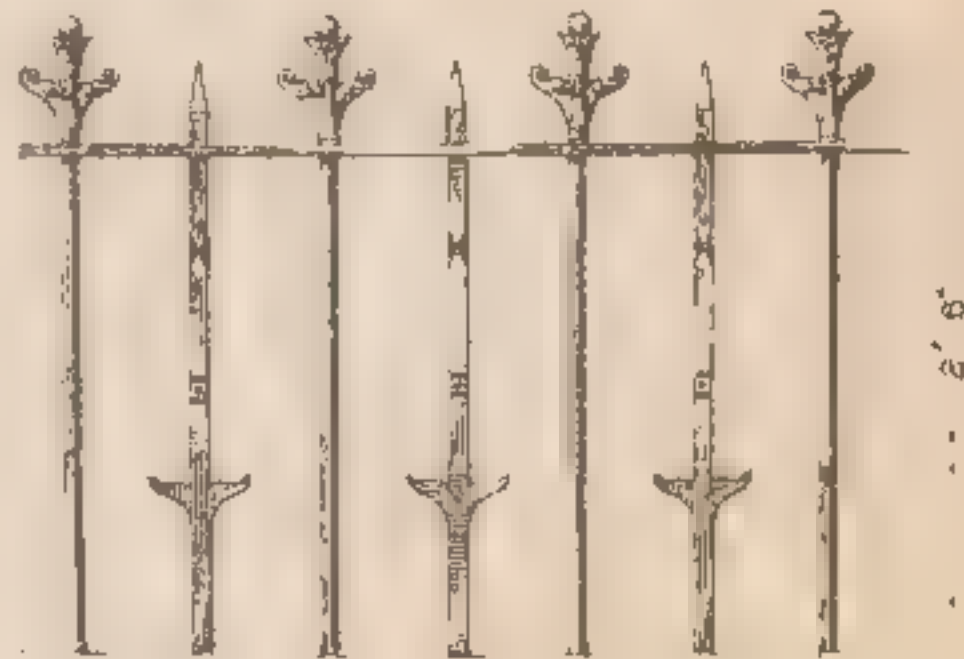
Nº 1142



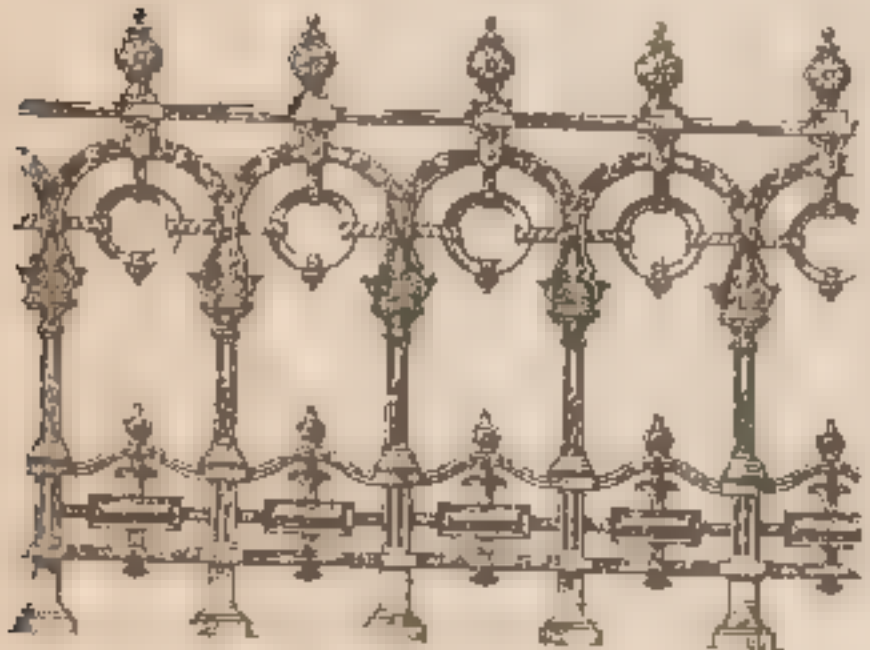
Nº 1143



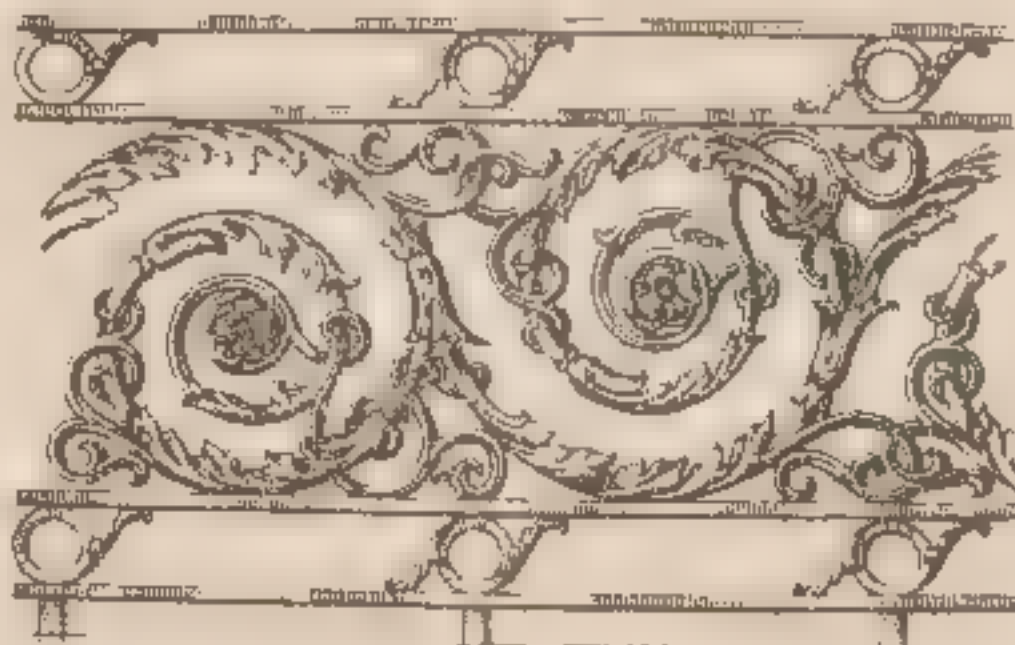
Nº 1144



Nº 1125



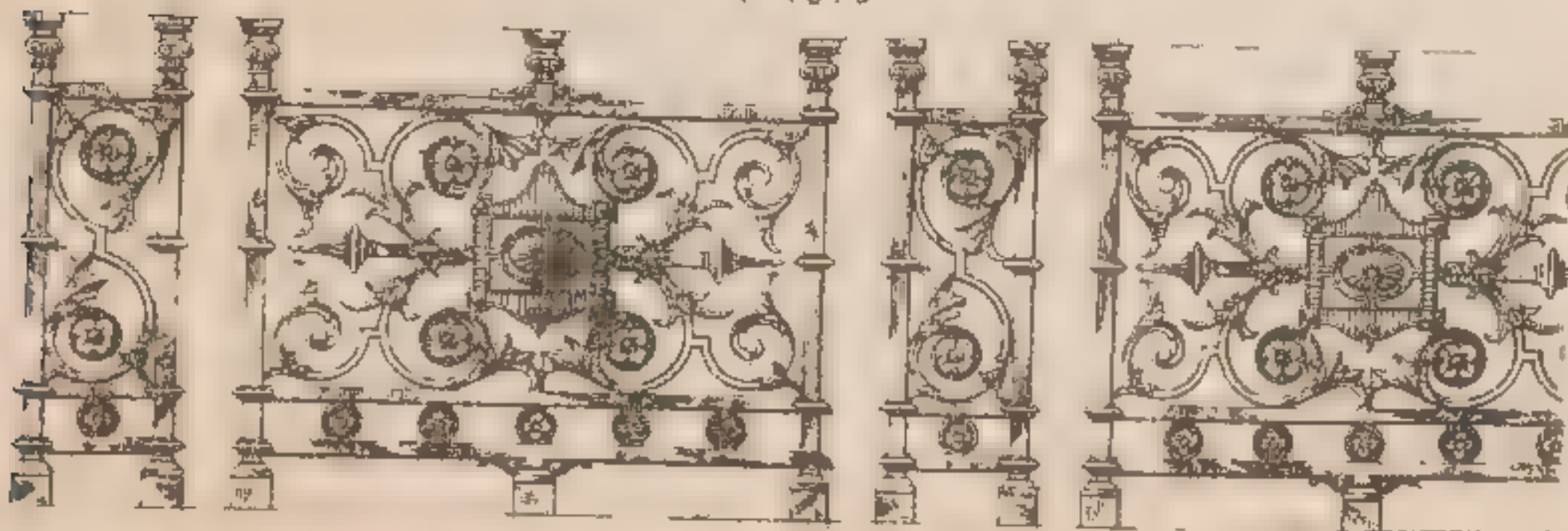
Nº 291



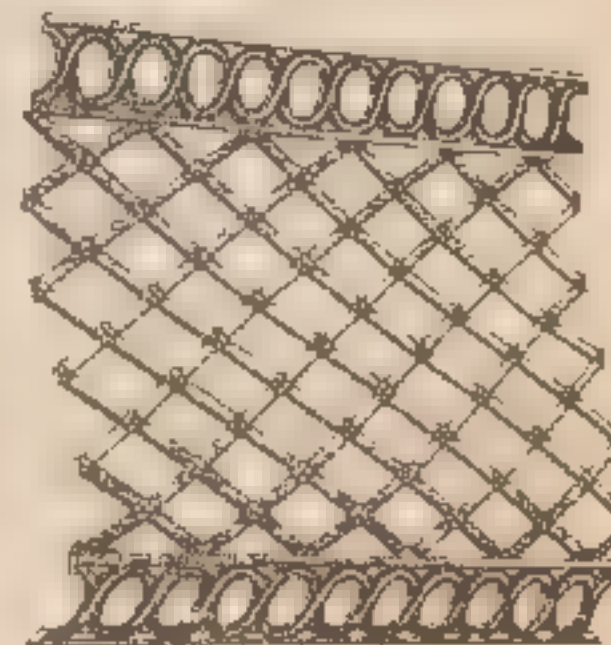
Nº 1126



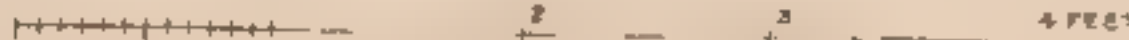
Nº 1079



Nº 326

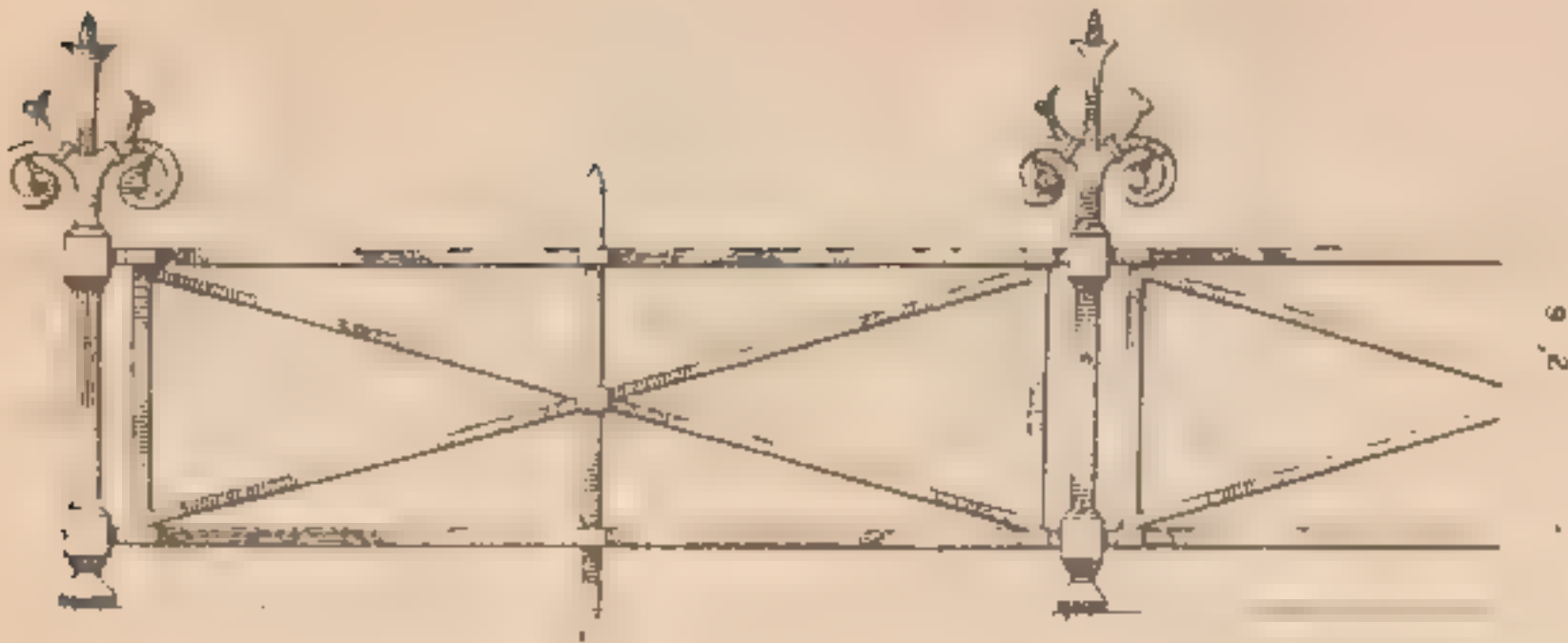


SCALE

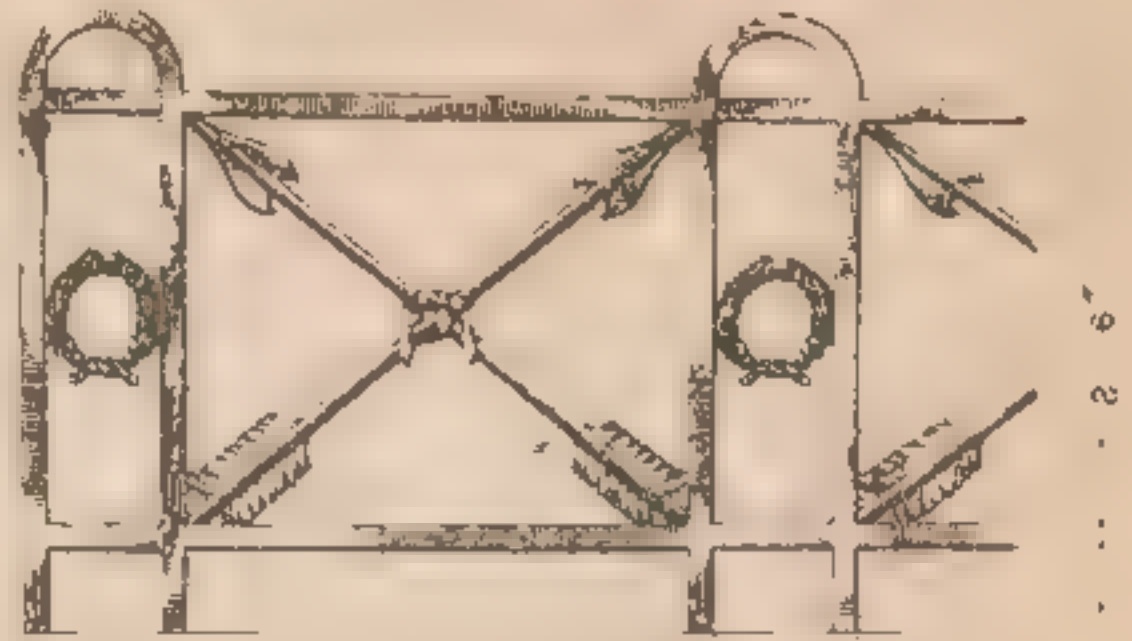


MACFARLANES CASTINGS — RAILING

Nº 1035



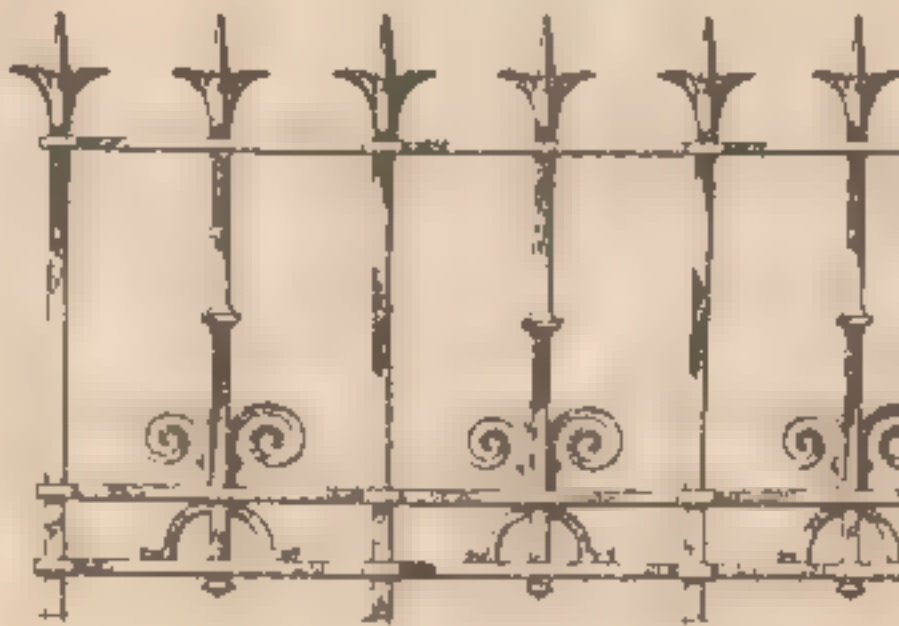
Nº 407



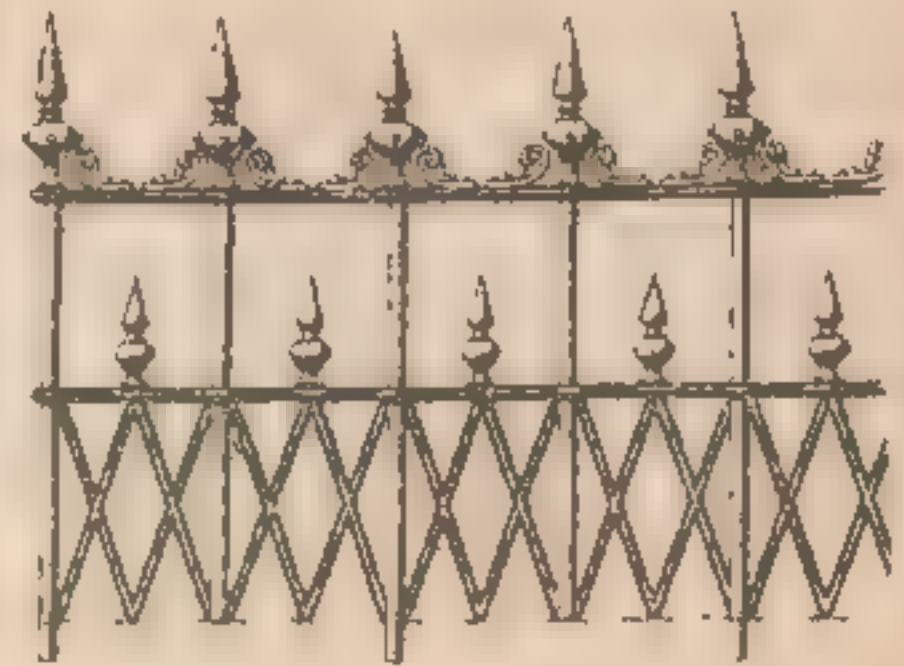
Nº 758



Nº 1139



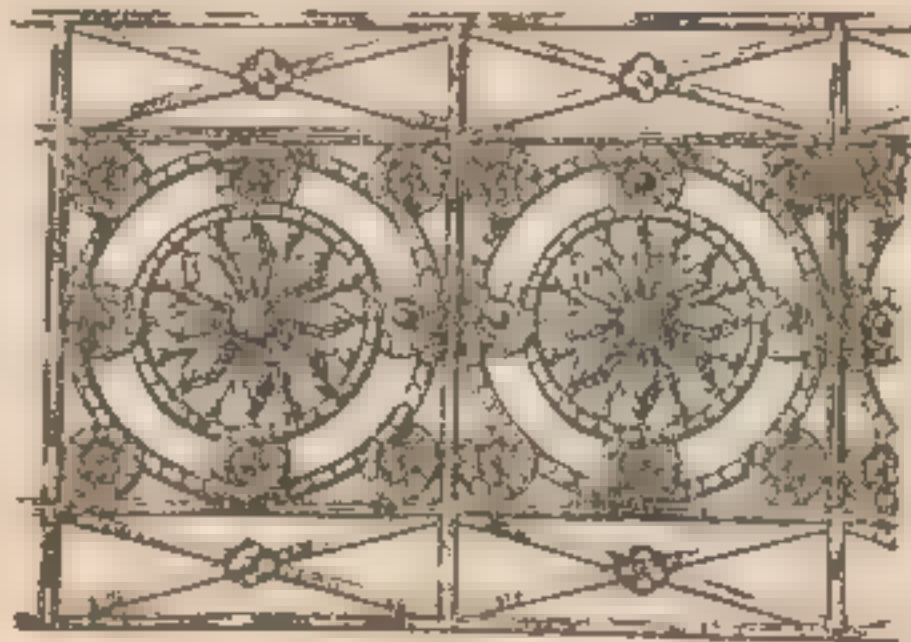
Nº 464



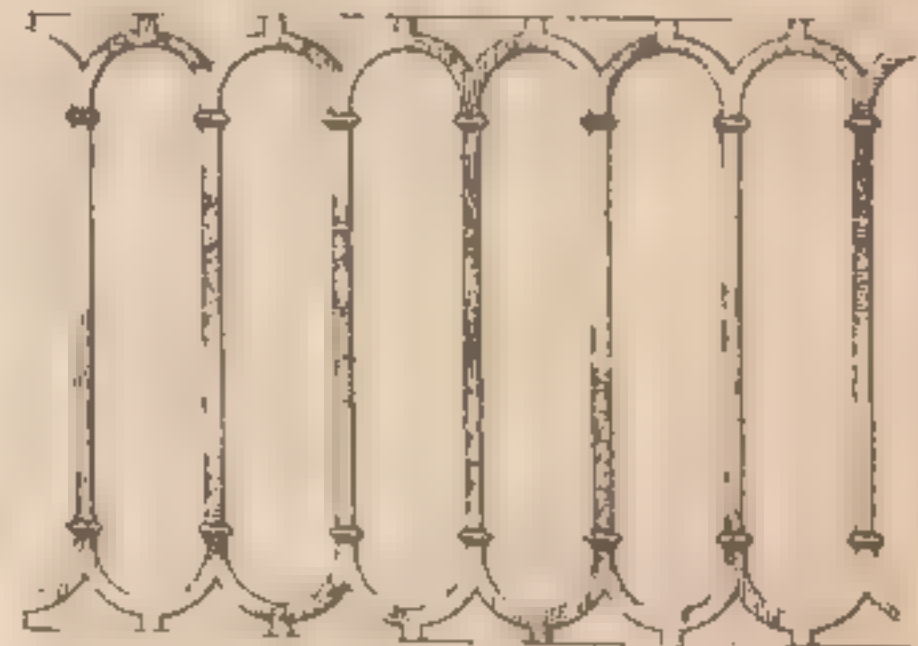
Nº 266



Nº 53



Nº 379



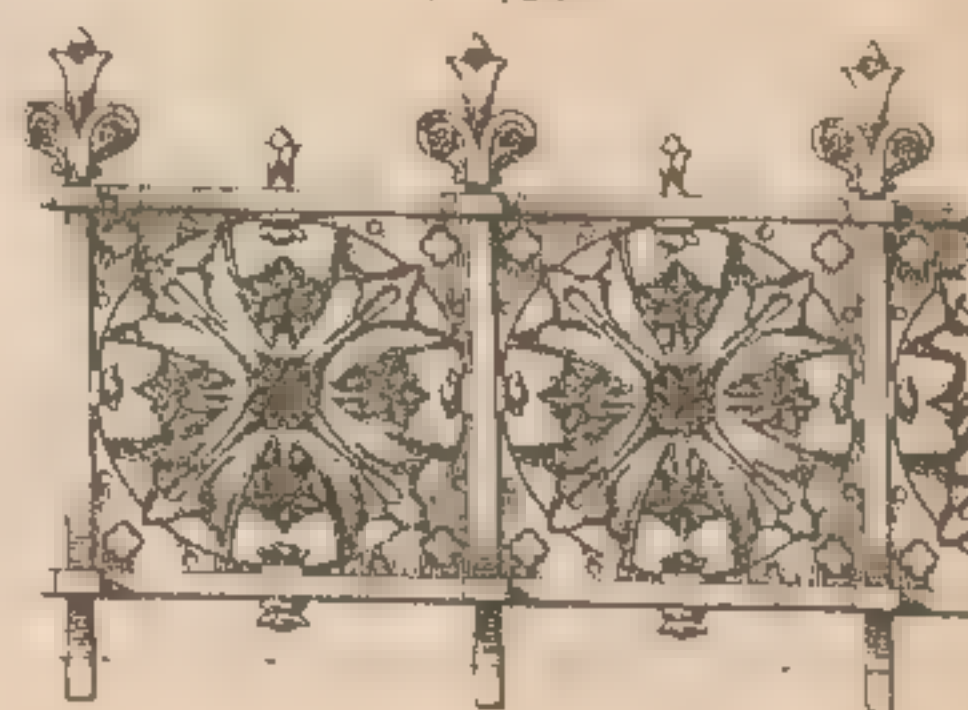
Nº 172



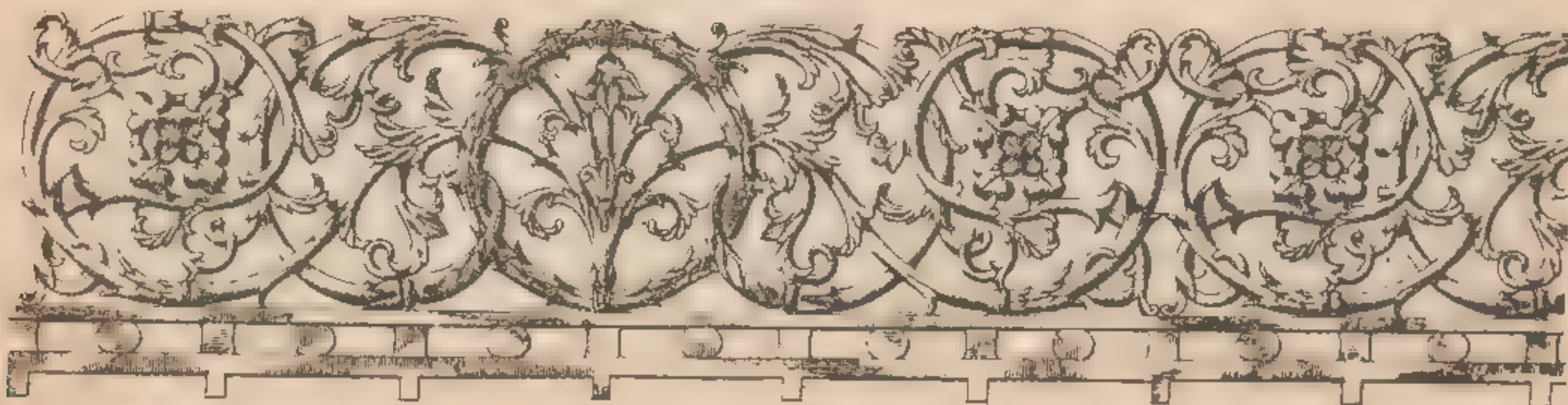
Nº 203



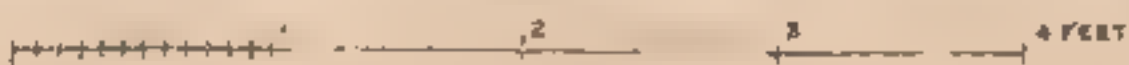
Nº 457



Nº 33



SCALE



N° 50



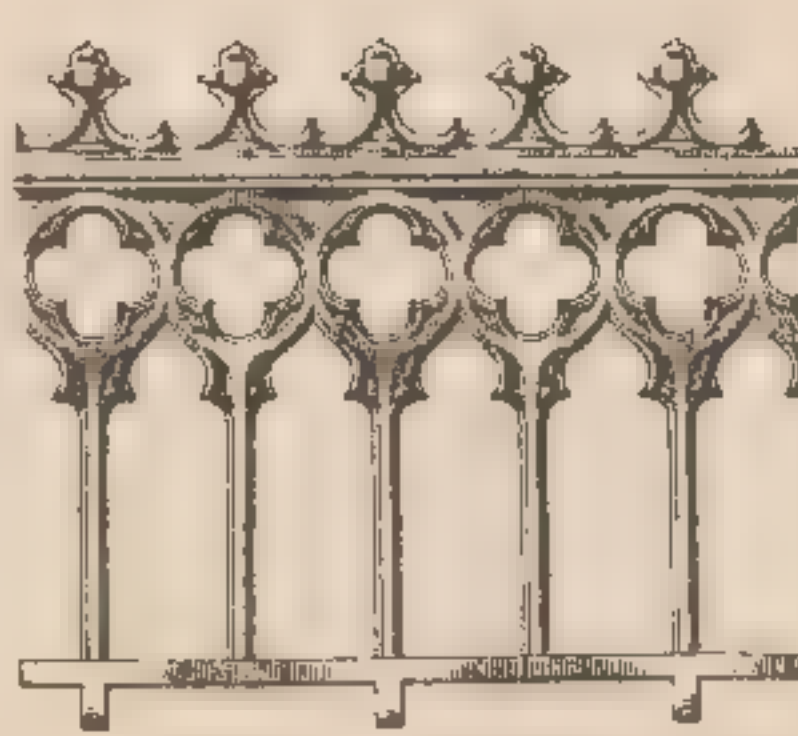
N° 898



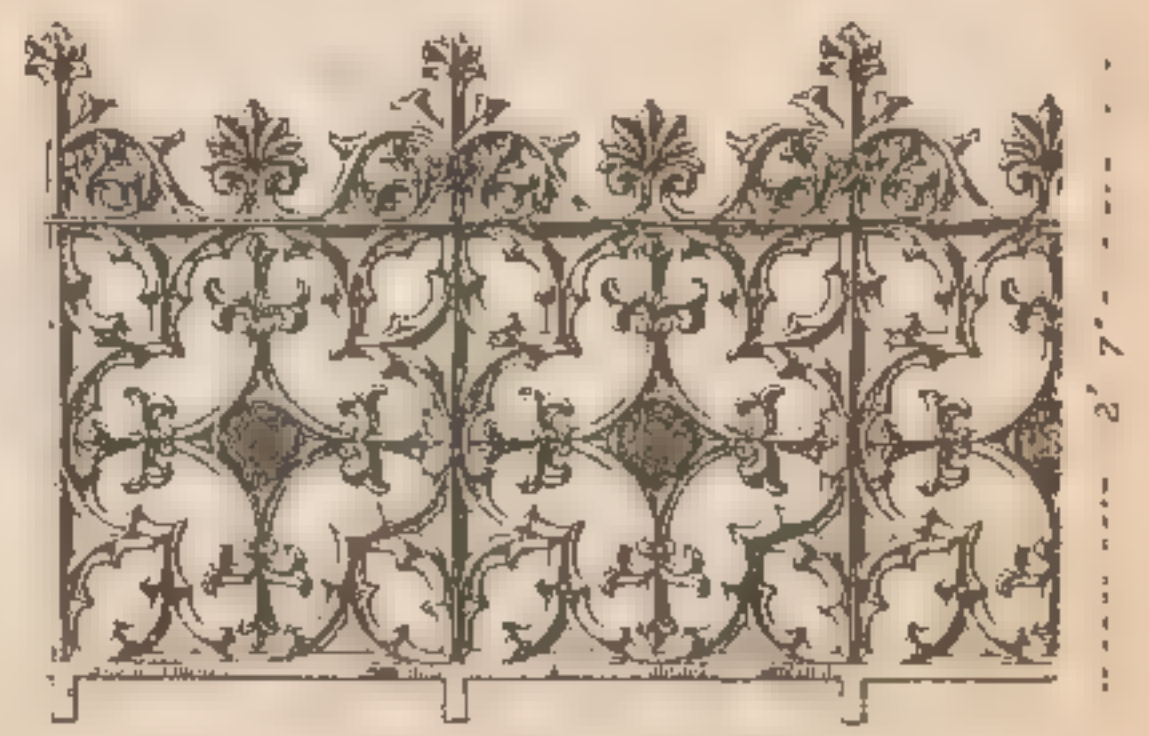
N° 40



N° 114



N° 76



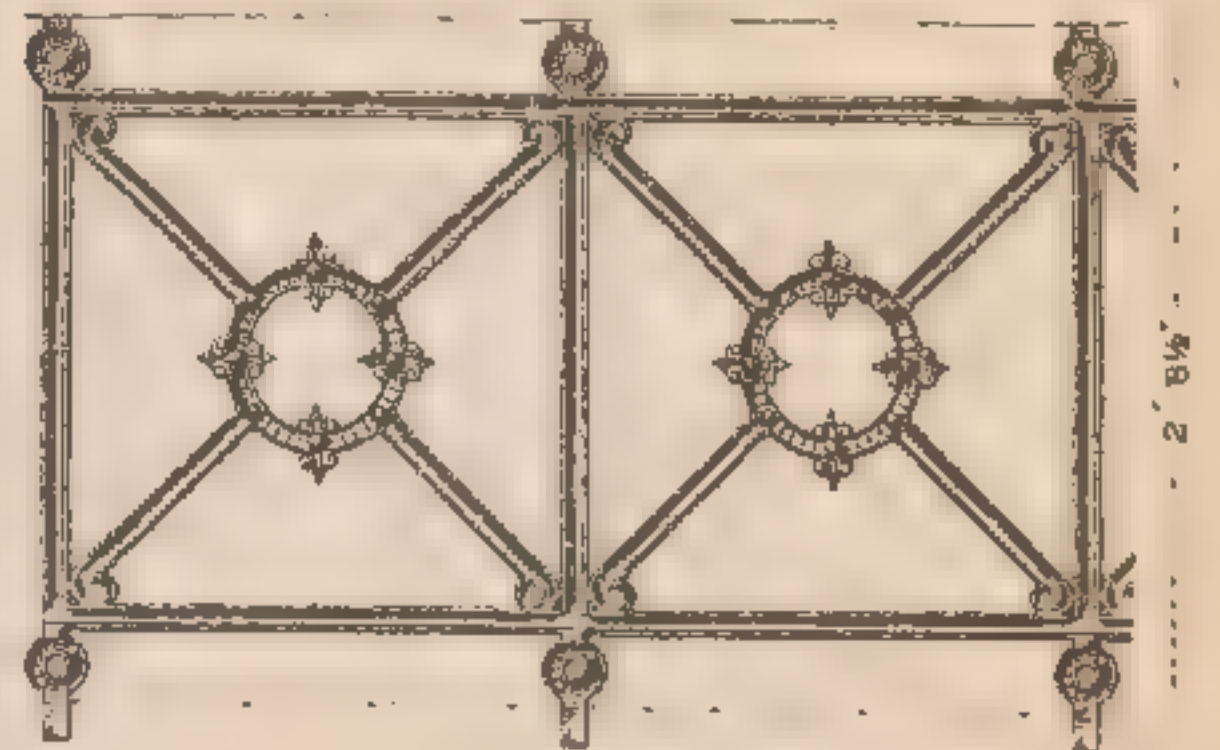
N° 376



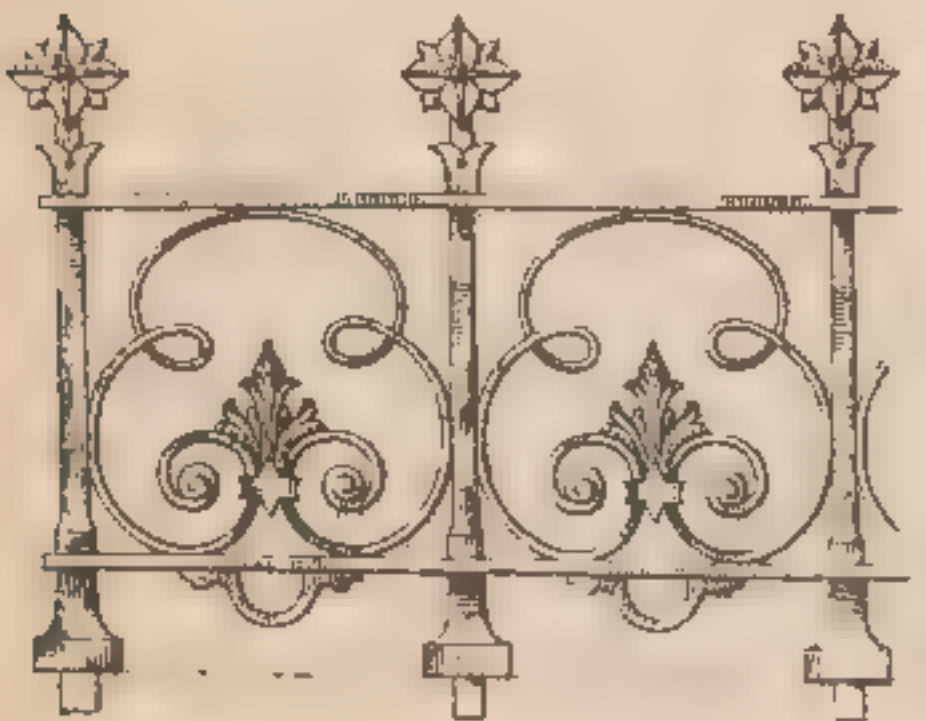
N° 81



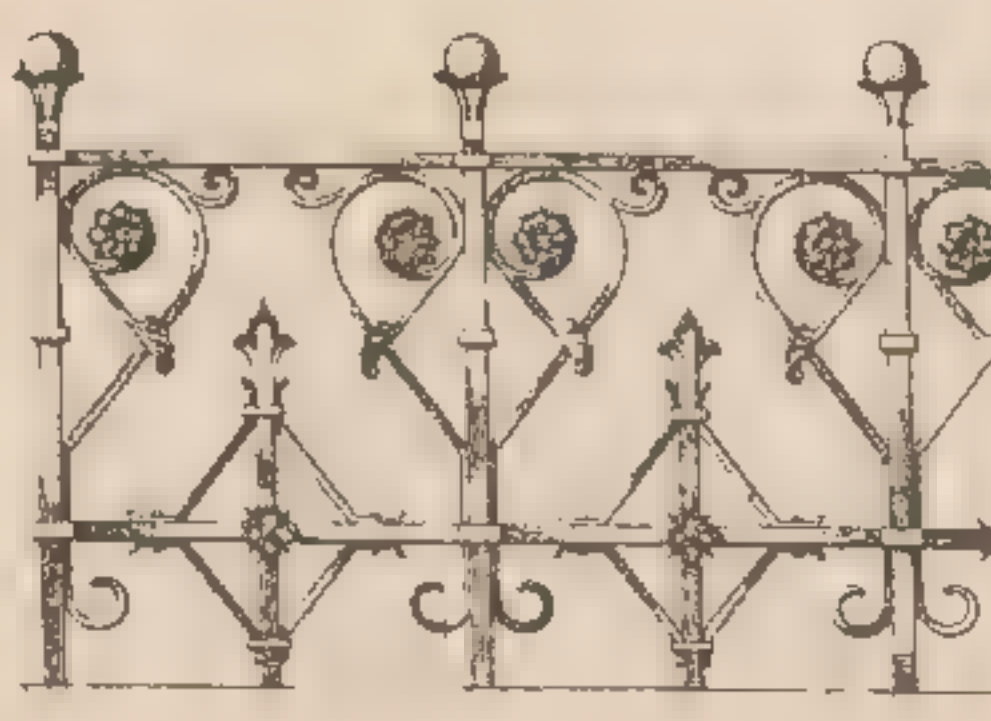
N° 394



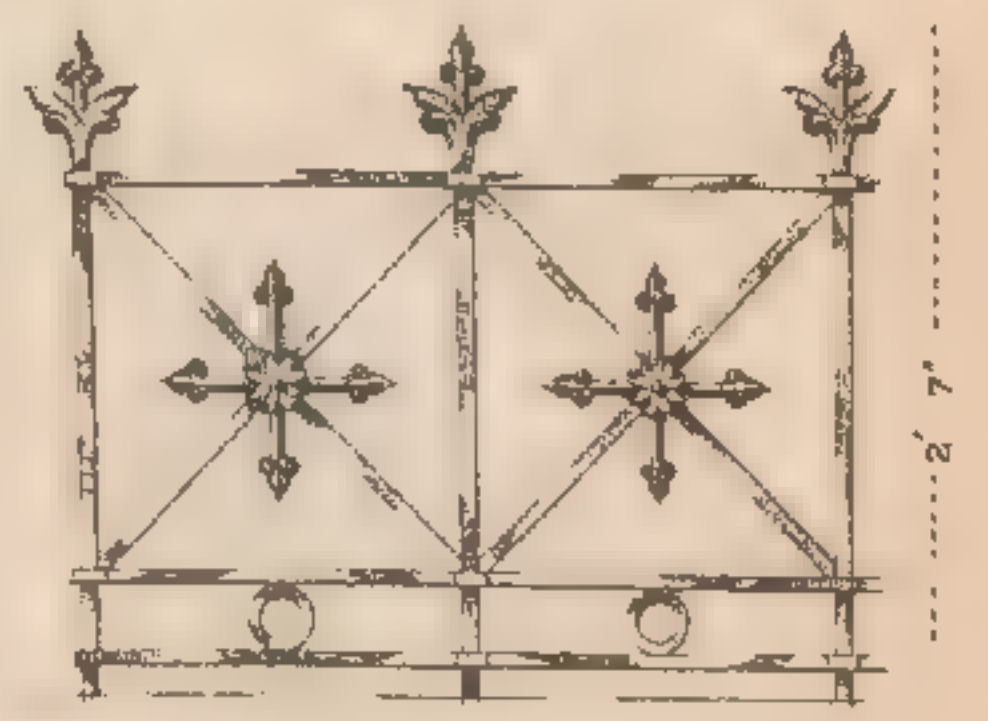
N° 440



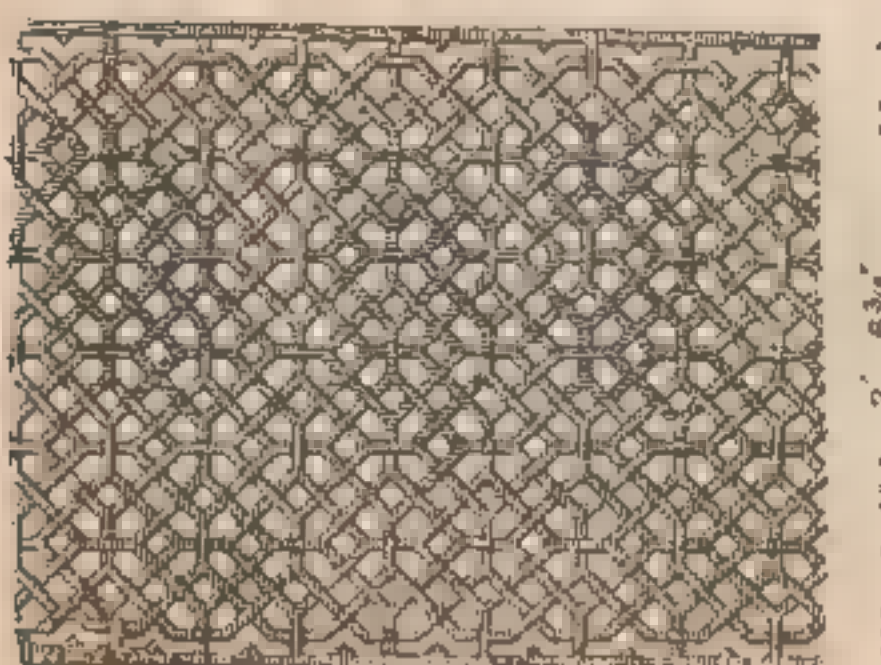
N° 338



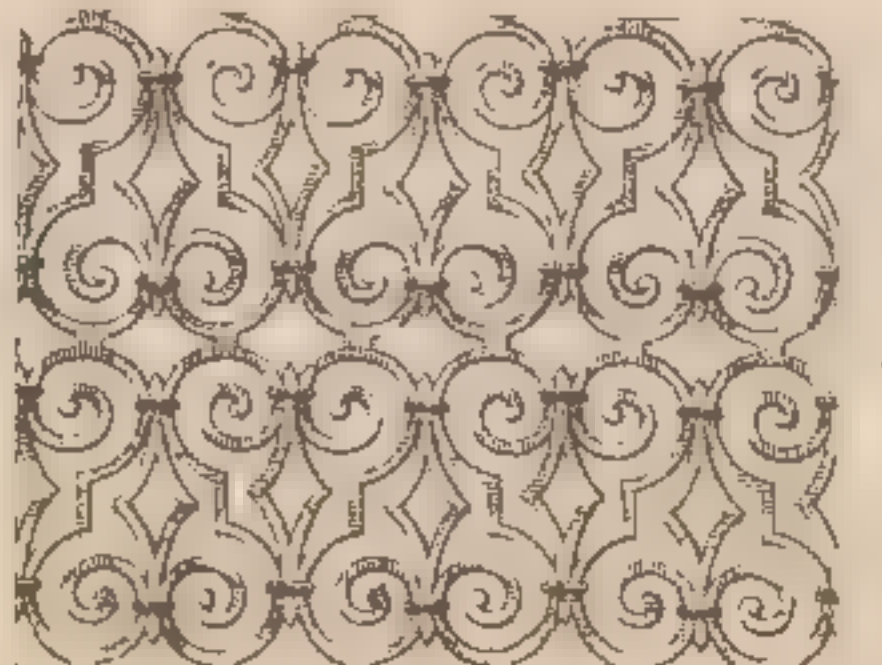
N° 214



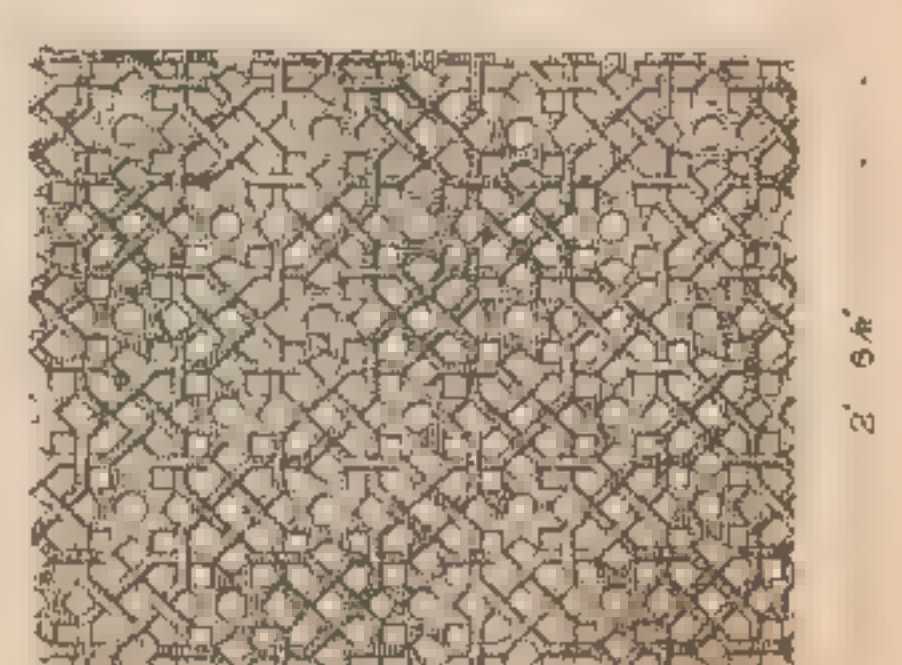
N° 1118



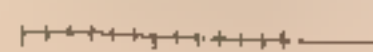
N° 293



N° 1117



SCALE

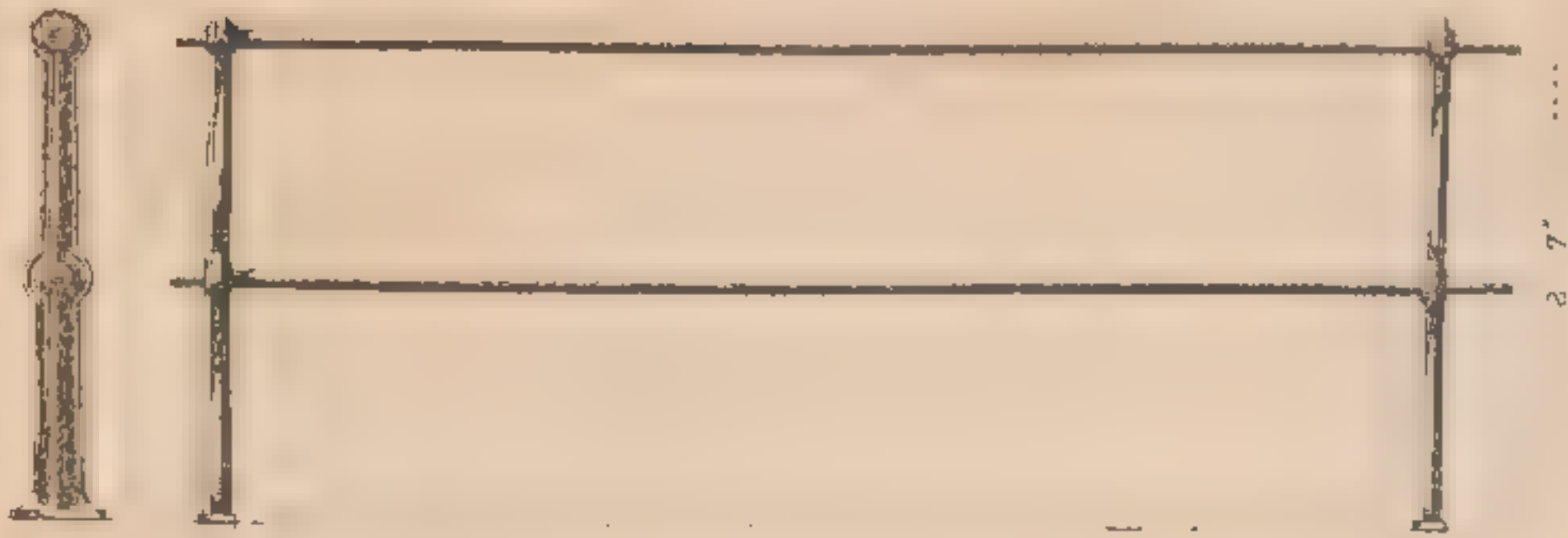


1

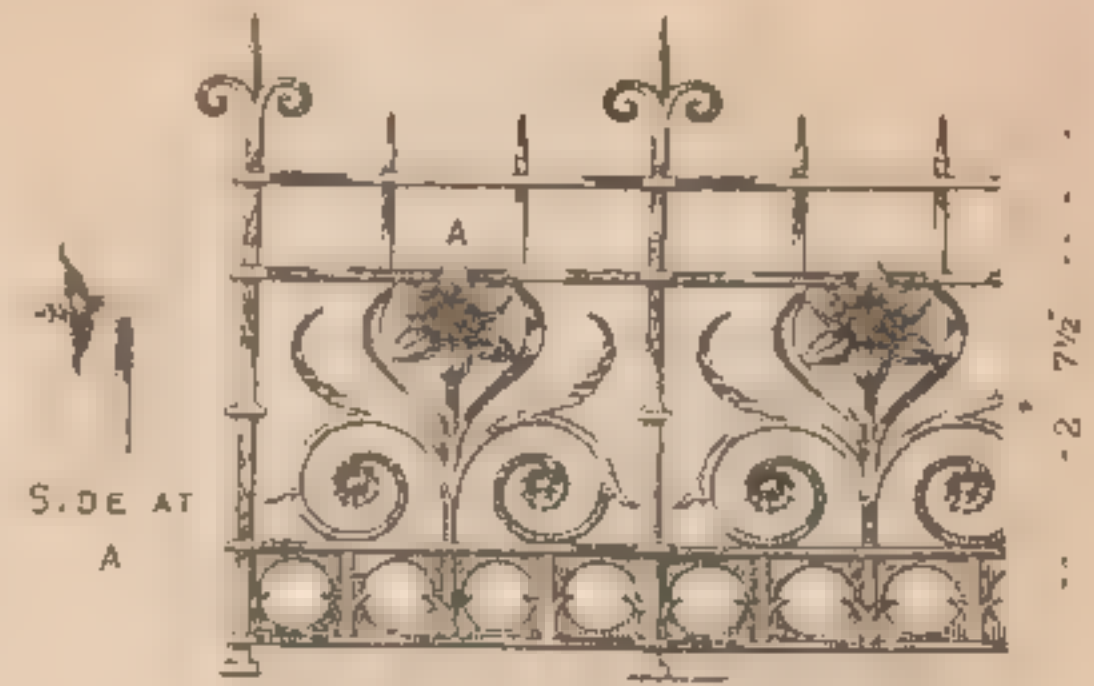
2

3 FEET

Nº 995



Nº 1080



Nº 785



Nº 830



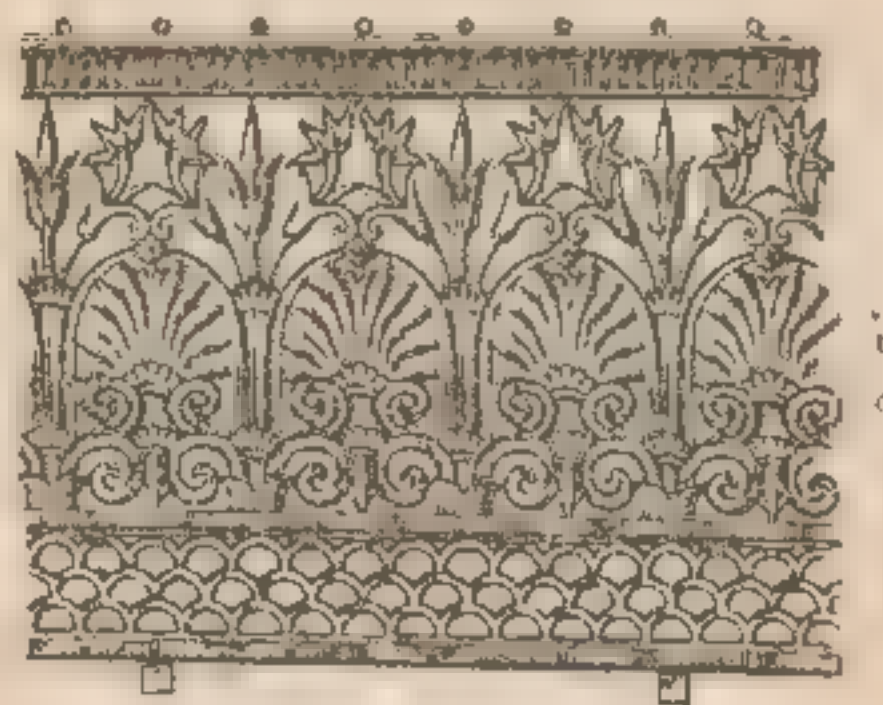
Nº 945



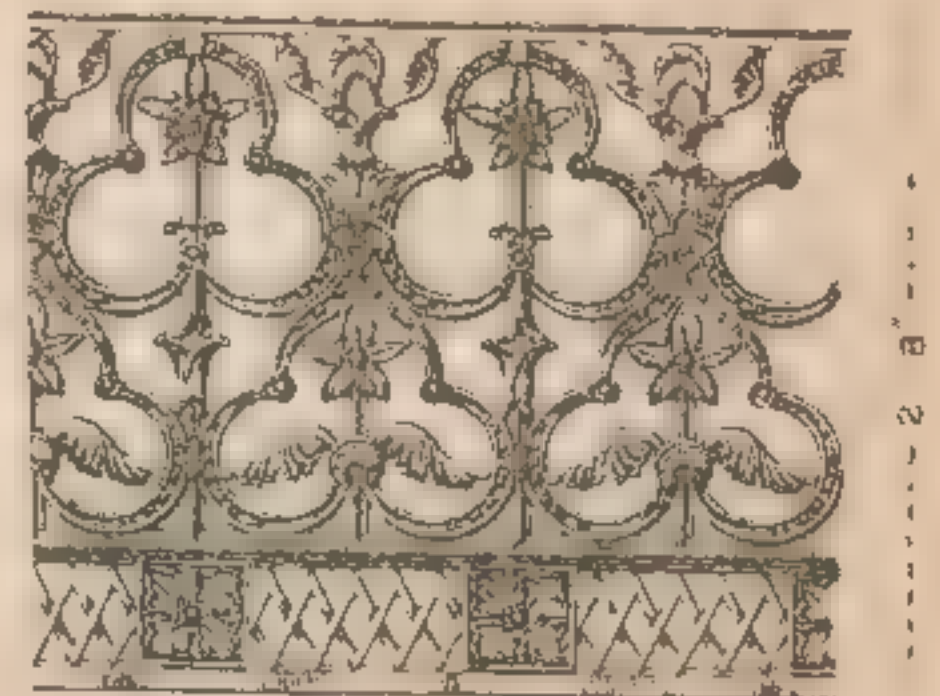
Nº 295



Nº 57 with No. 8 standard, loose.



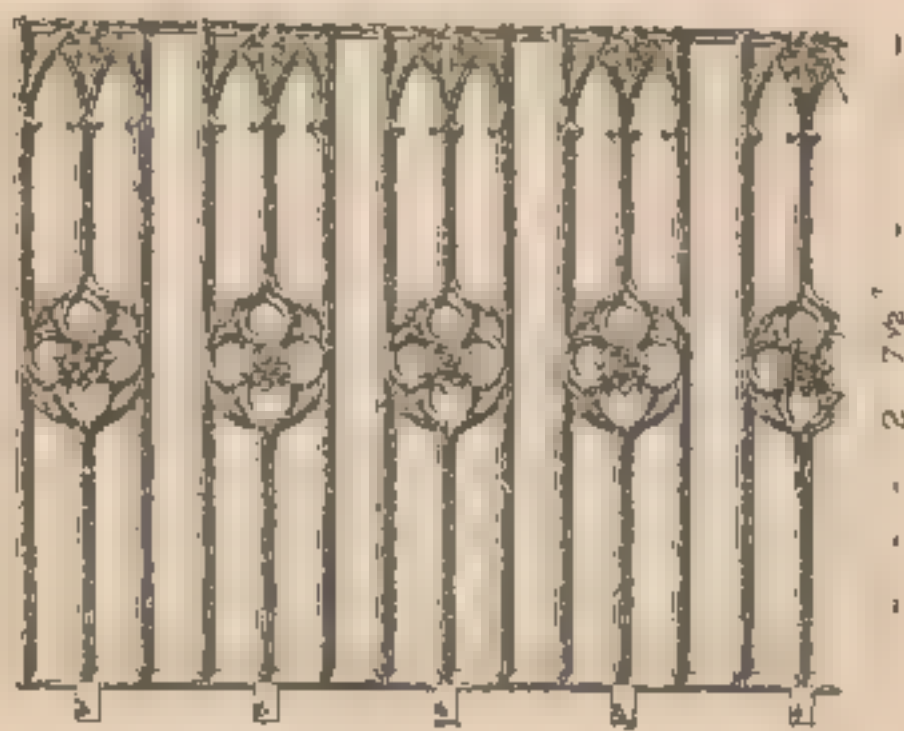
Nº 117



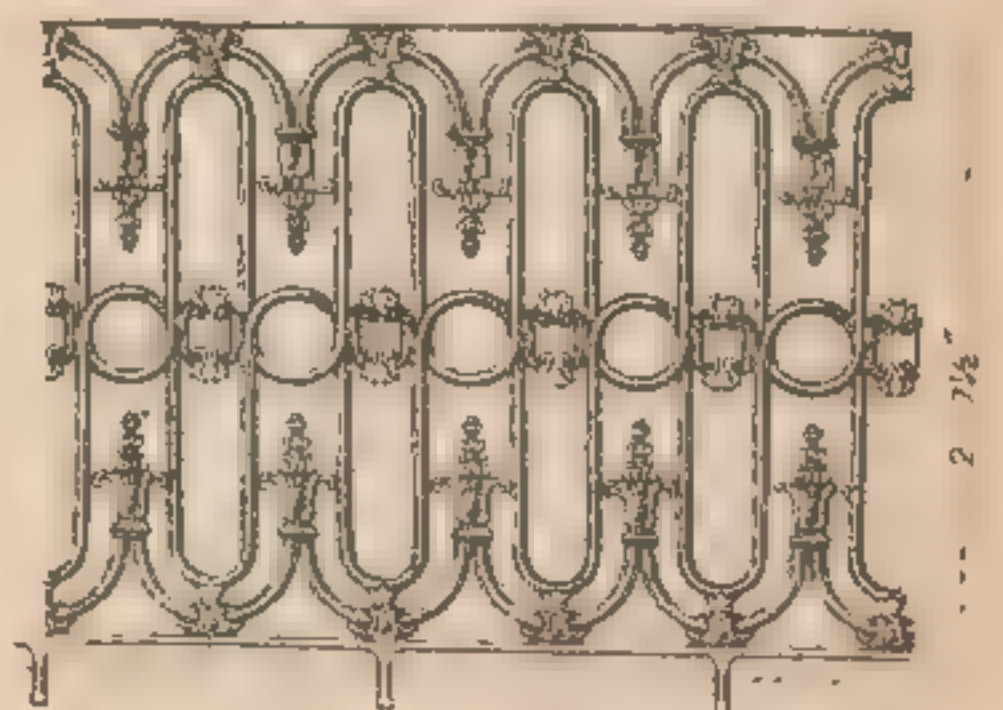
Nº 372



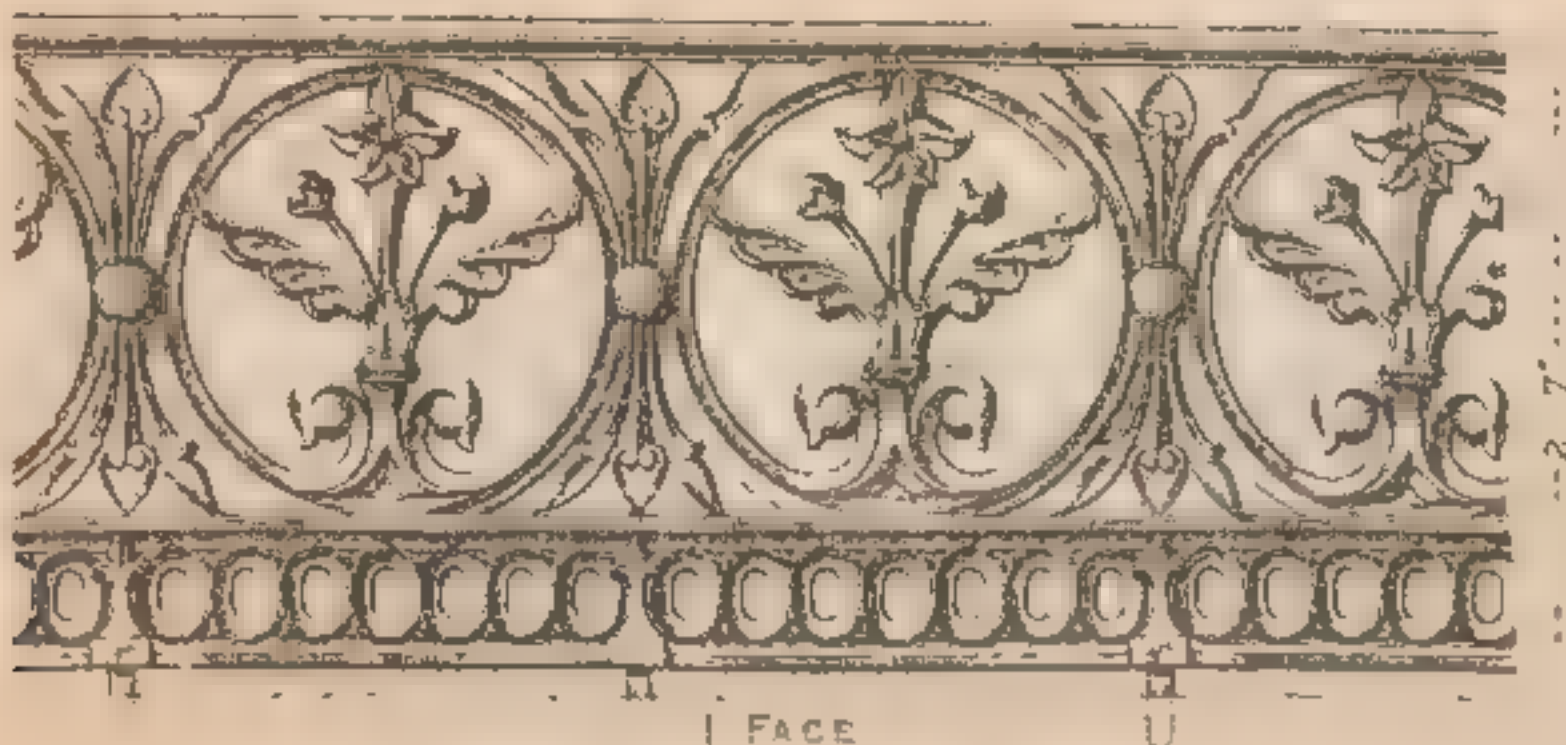
Nº 374



Nº 299



Nº 149



Nº 1017



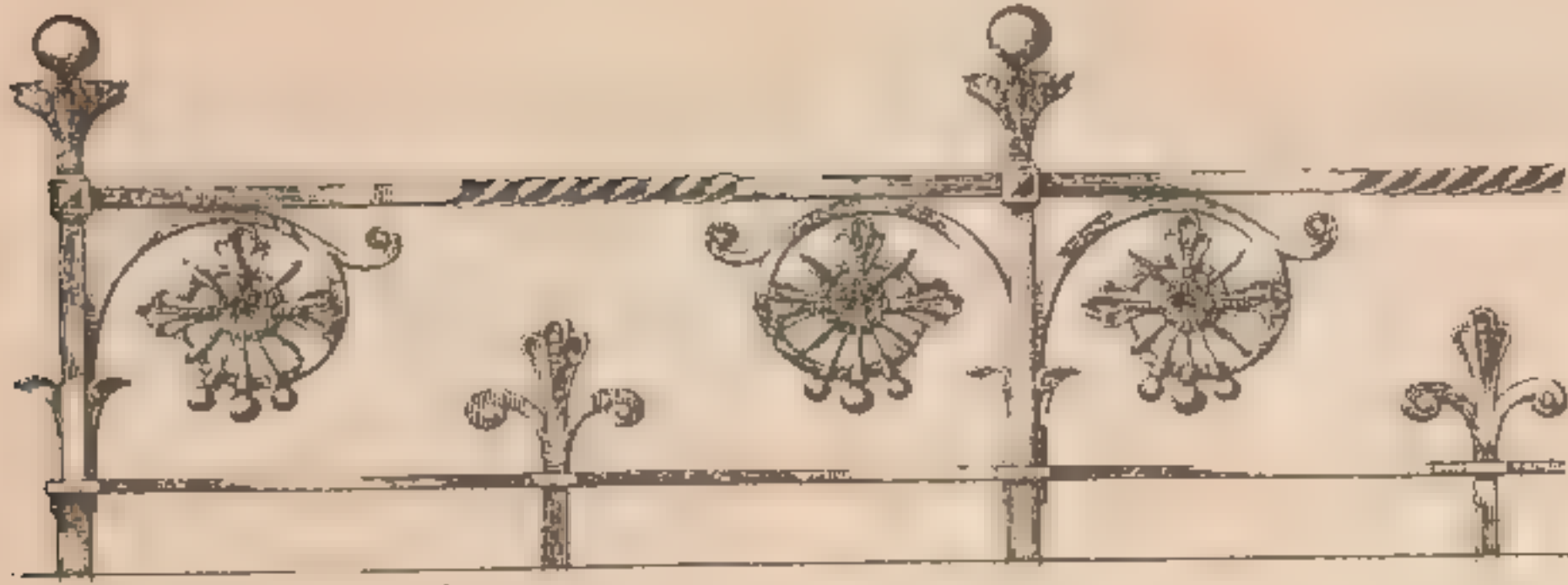
For large centre ornament and standards, see page 274

SC. 4E



MACFARLANE'S CASTINGS — RAILING

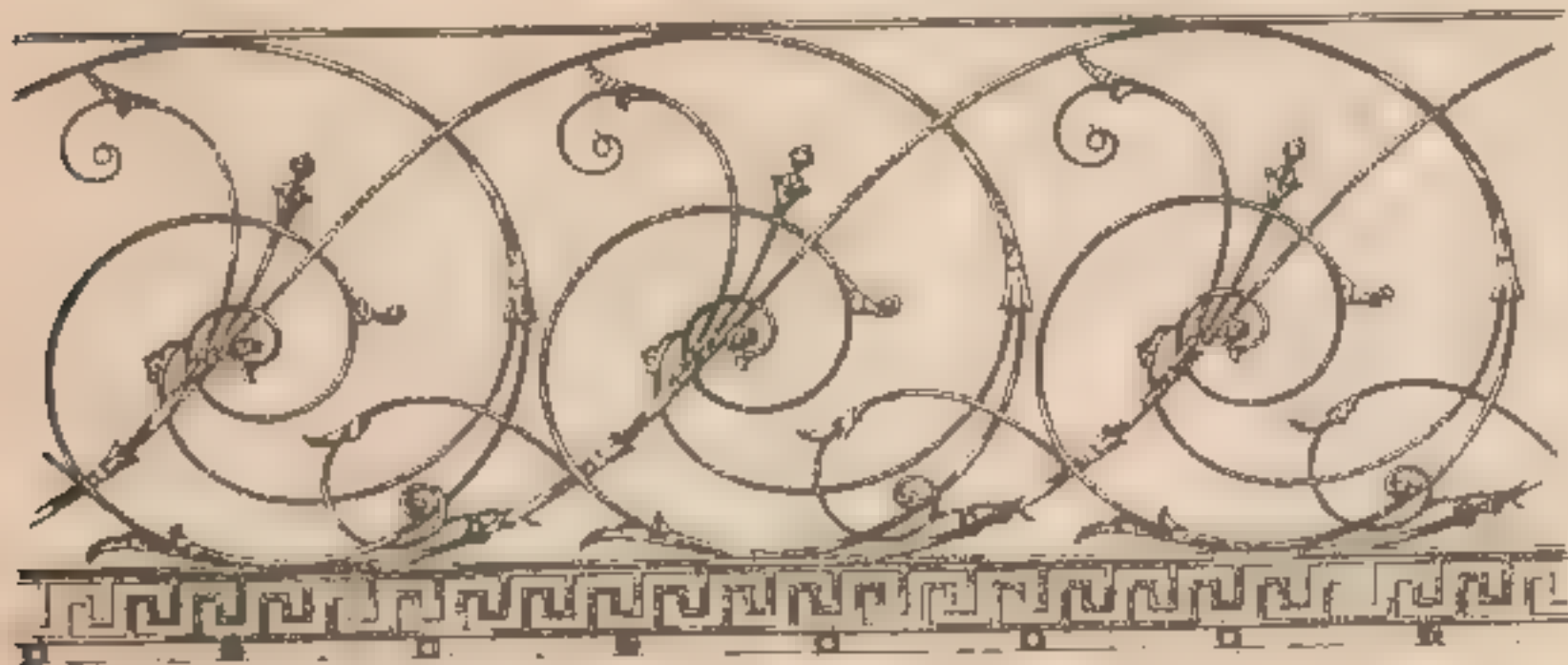
Nº 422



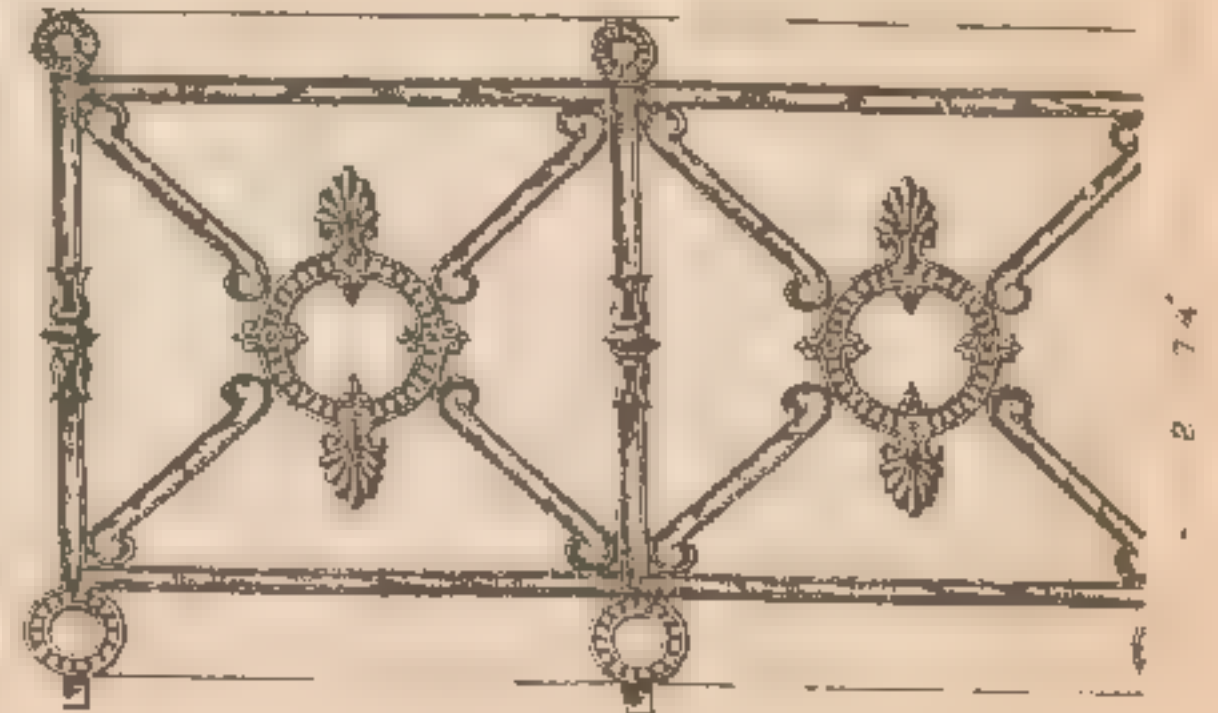
Nº 1076



Nº 948



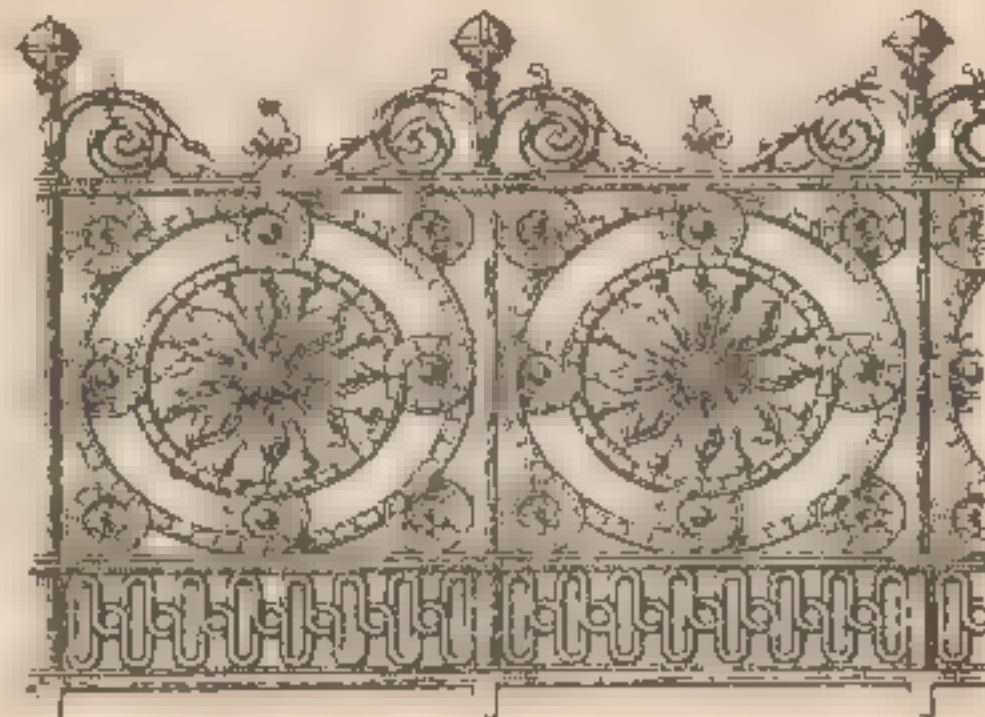
Nº 398



Nº 36



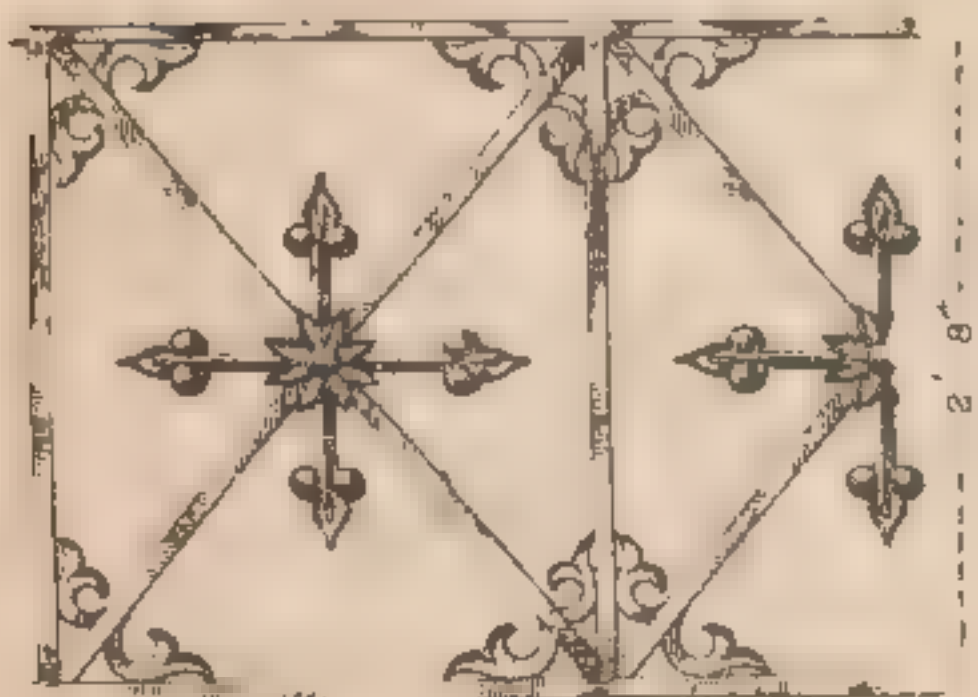
Nº 53



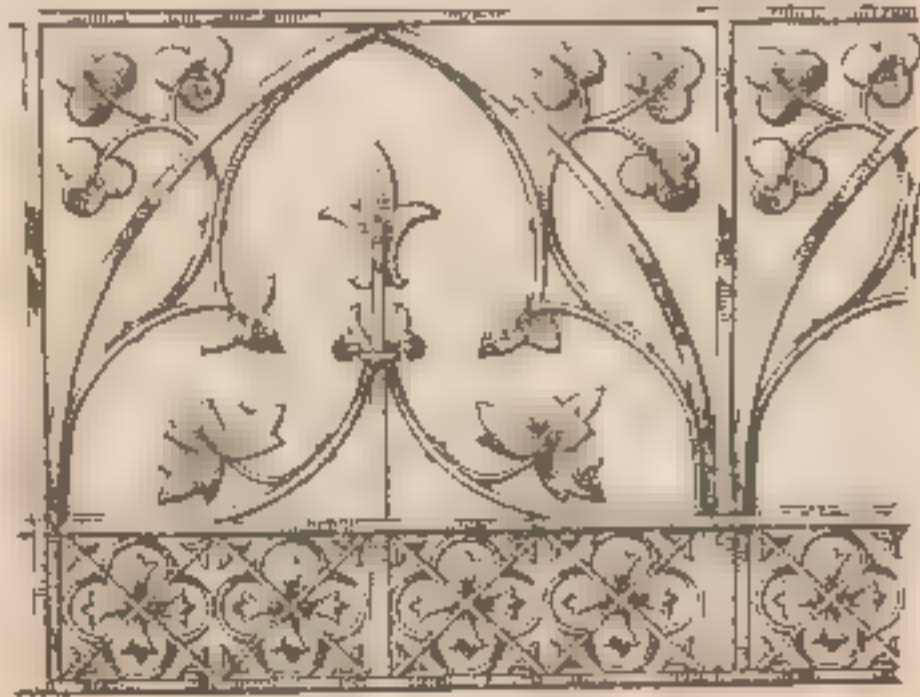
Nº 1022



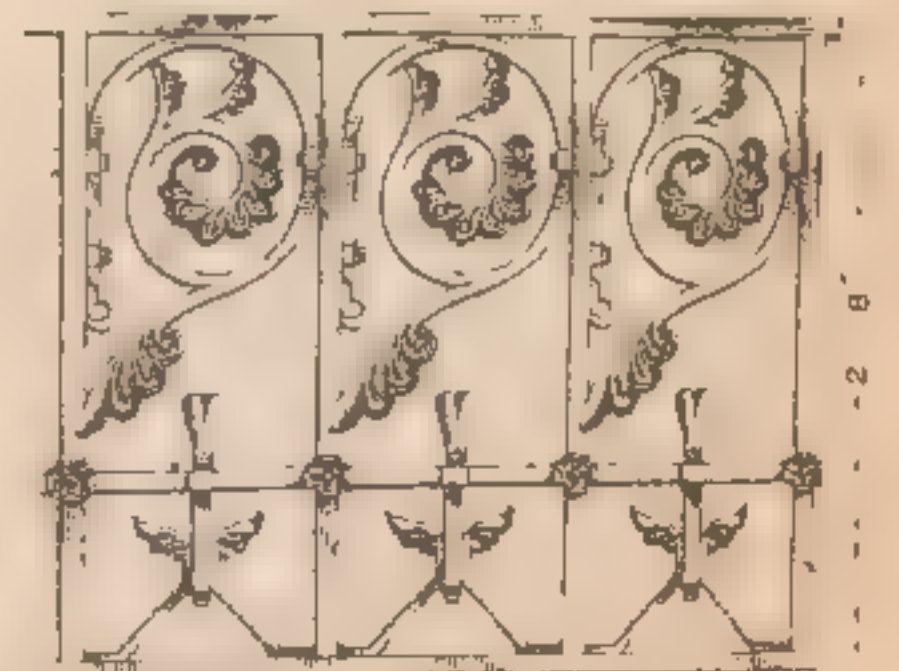
Nº 209



Nº 190



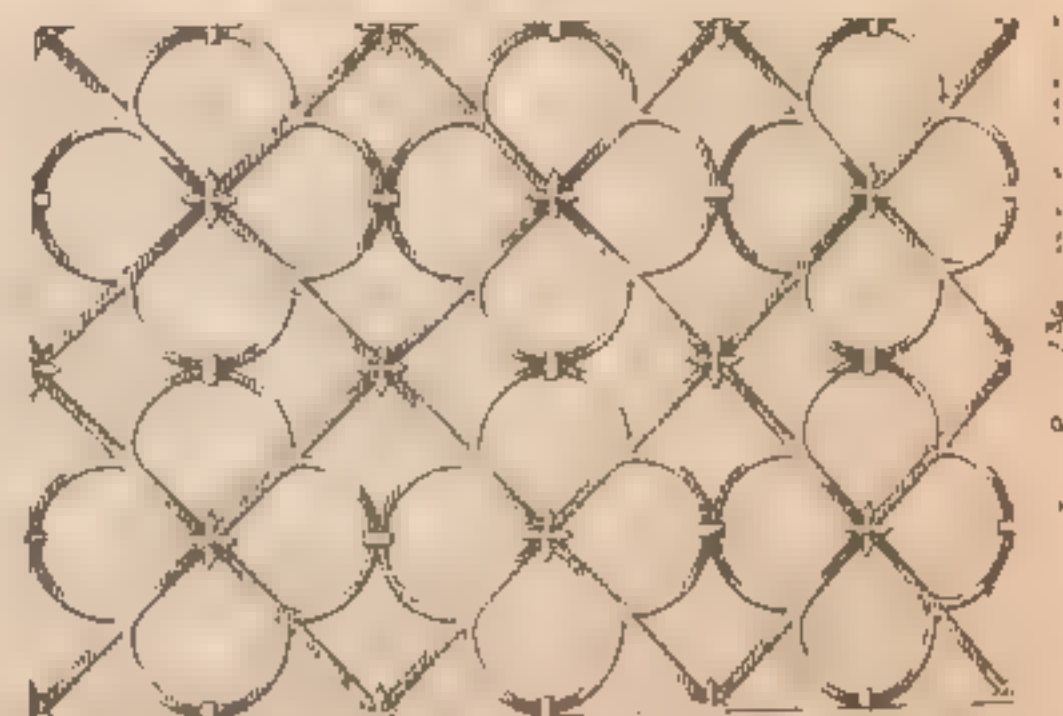
Nº 191



Nº 792



Nº 358



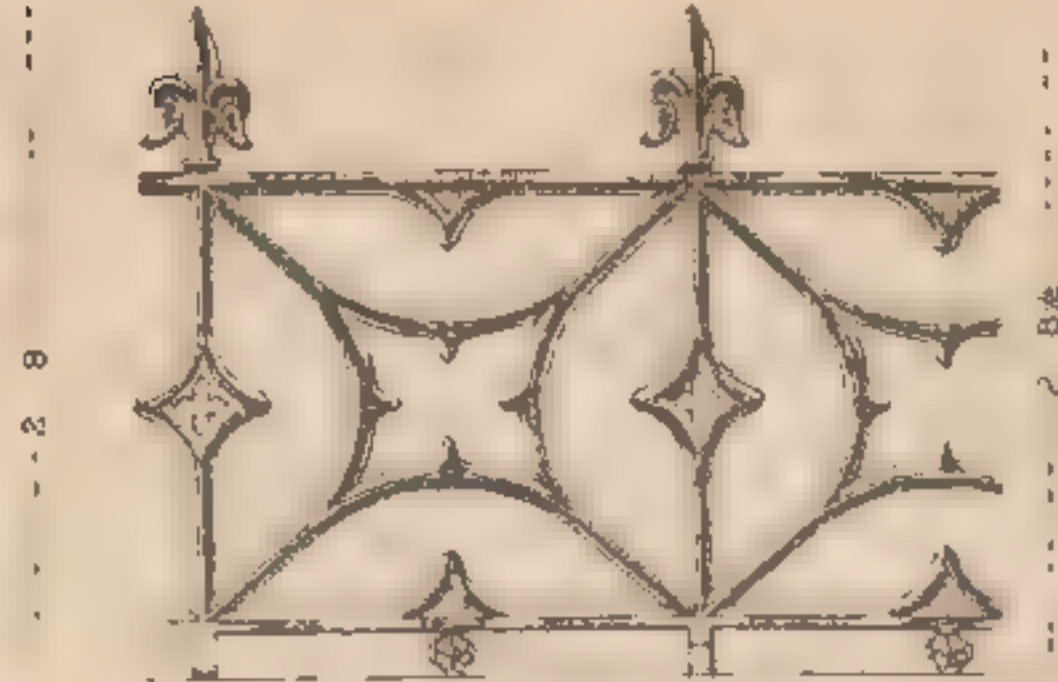
Any size to order

MACFARLANES CASTINGS — RAILING

Nº 464



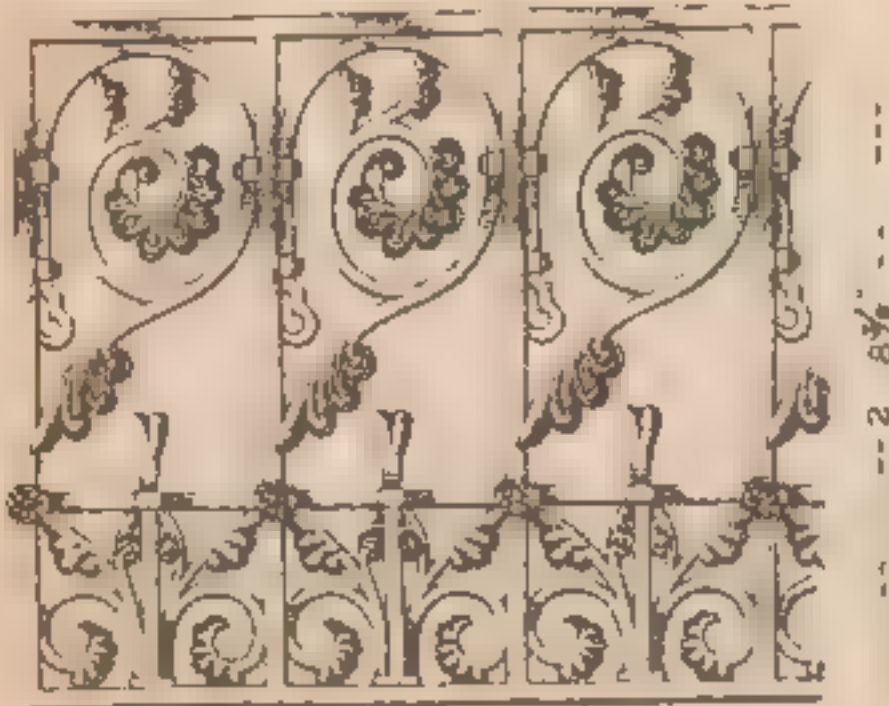
Nº 839



Nº 375



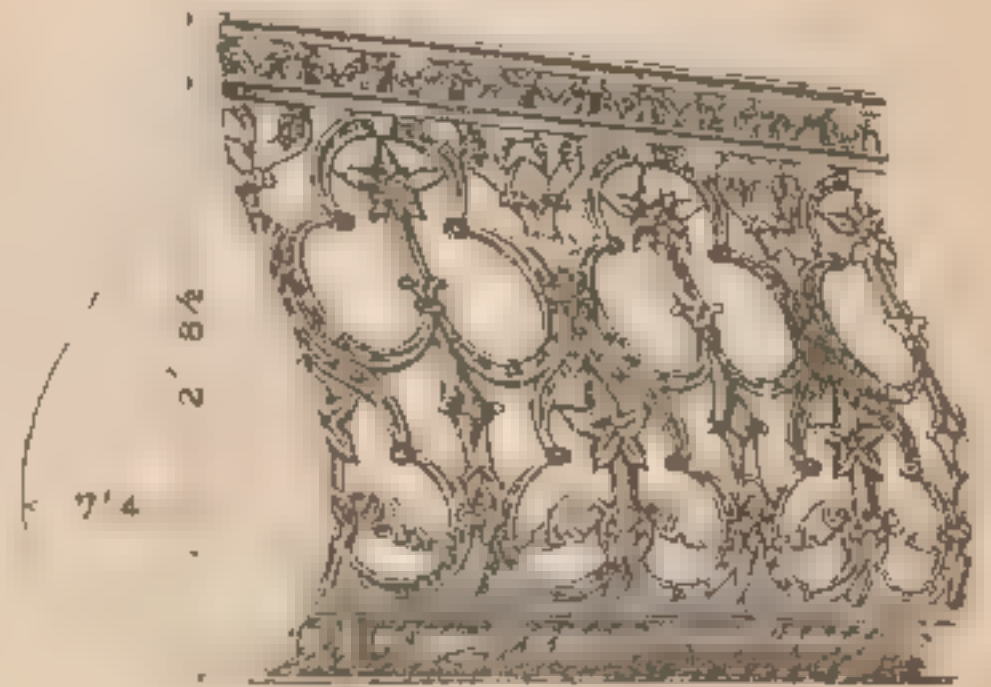
Nº 211



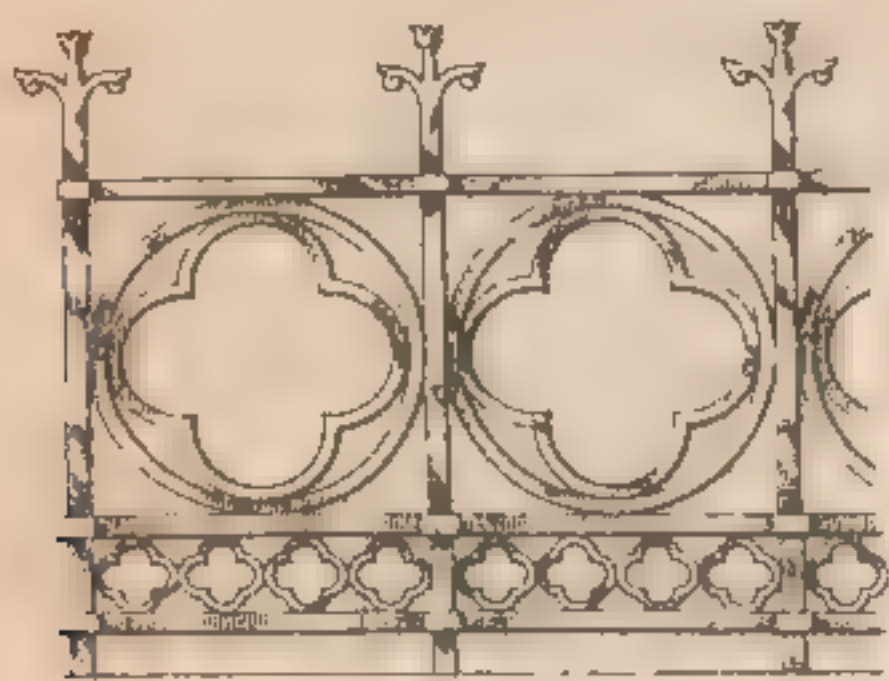
Nº 994



Nº 117



Nº 122



Nº 121



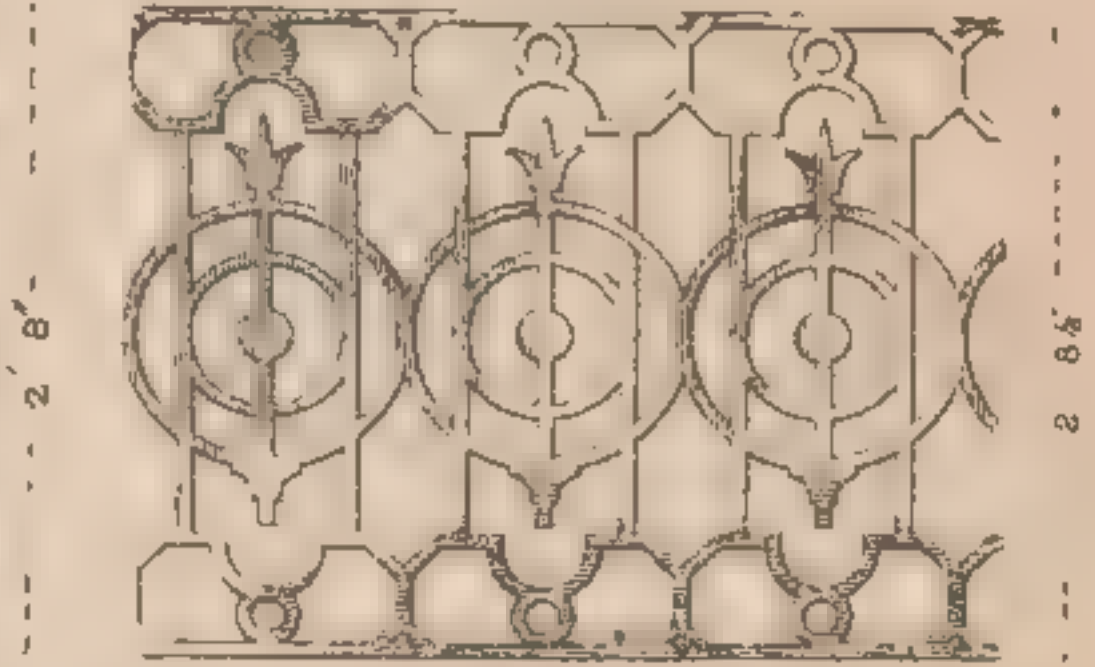
Nº 184



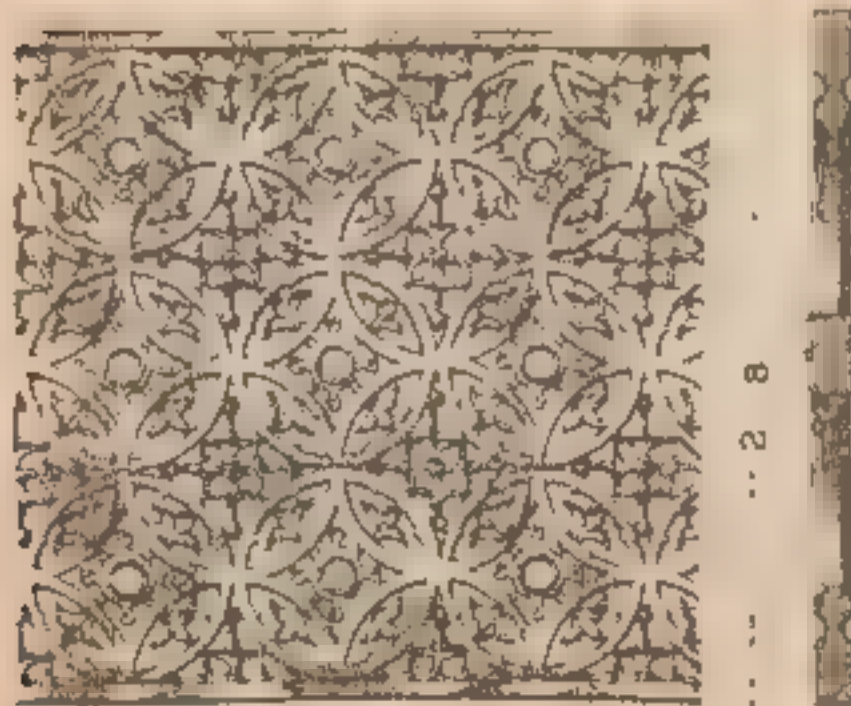
Nº 643



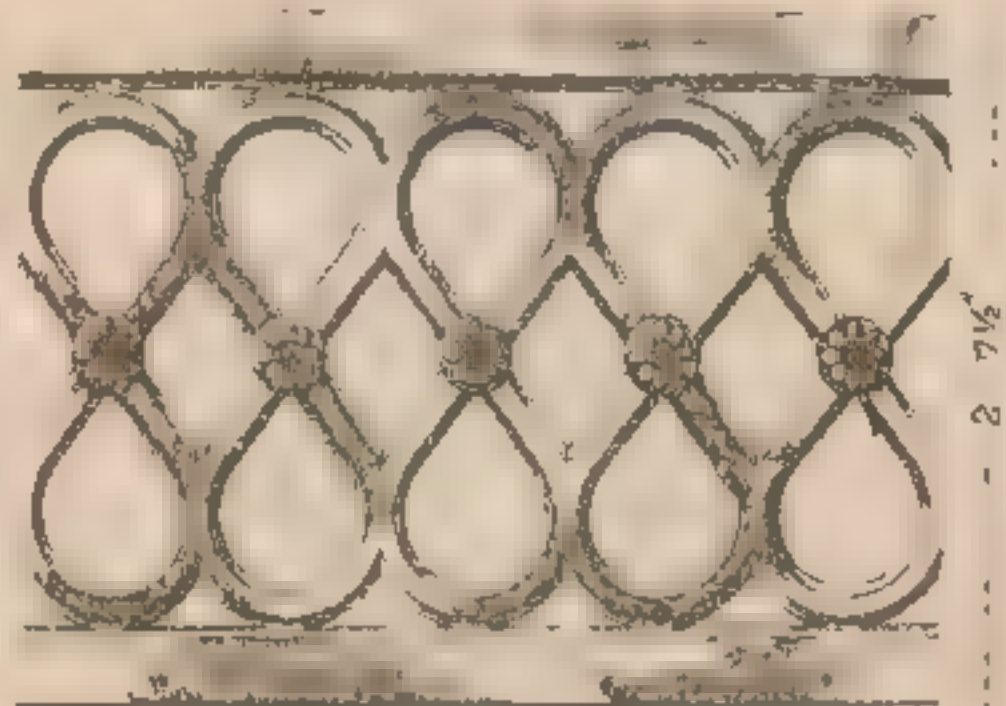
Nº 1147



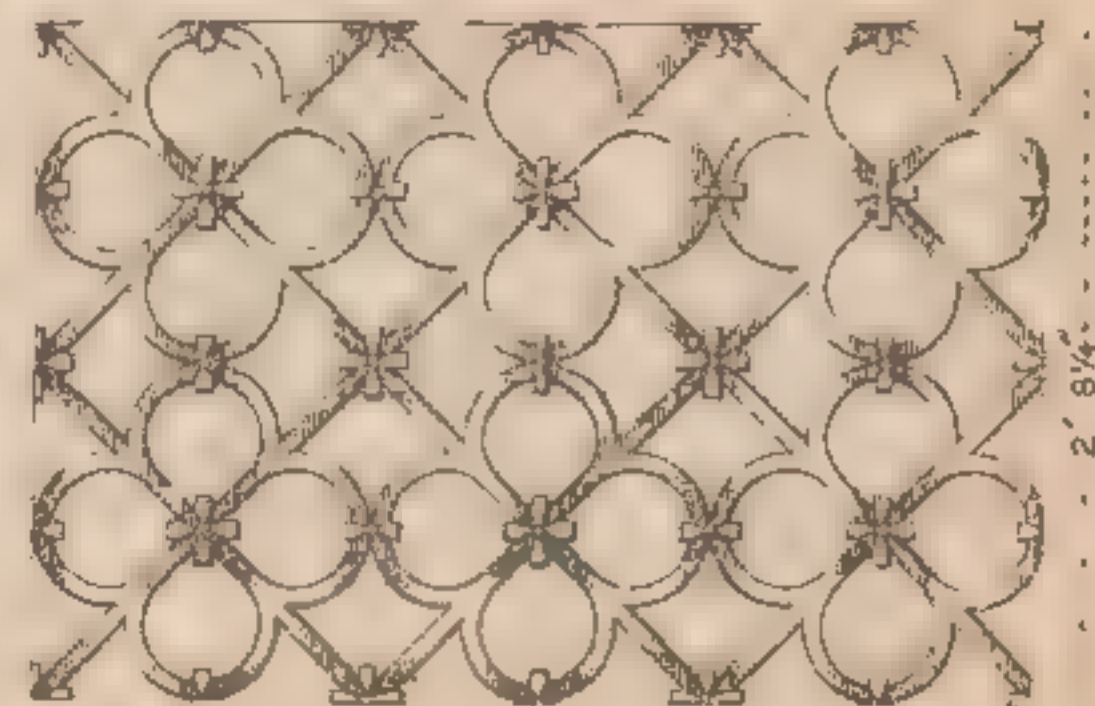
Nº 866



Nº 828



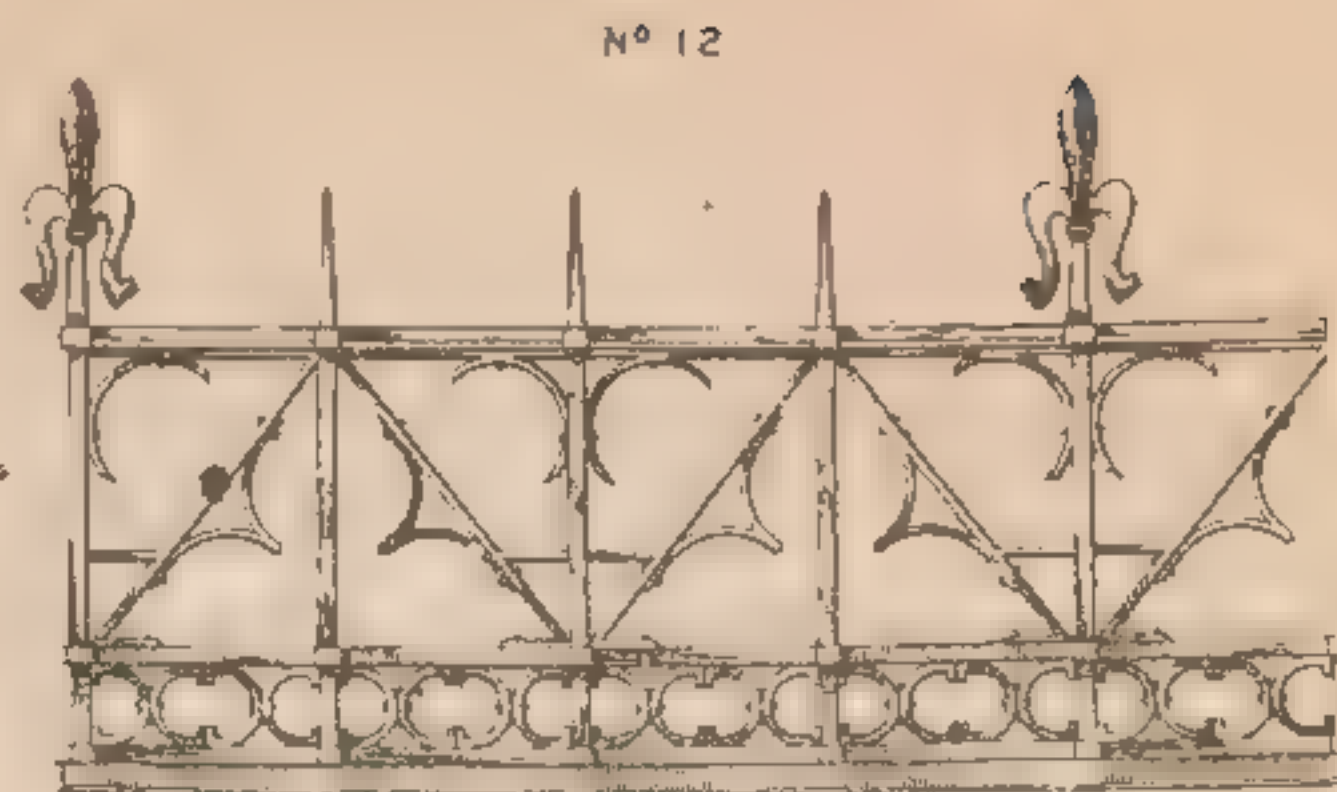
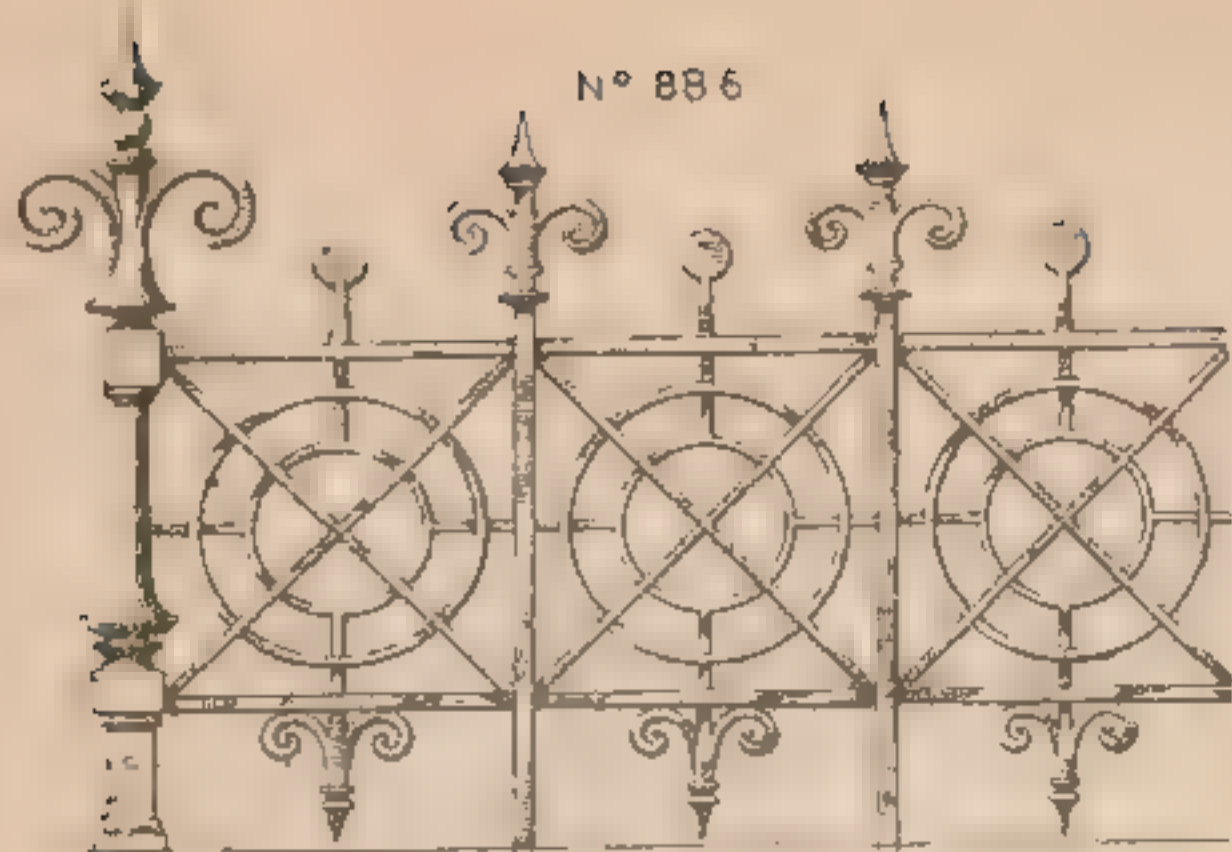
Nº 418



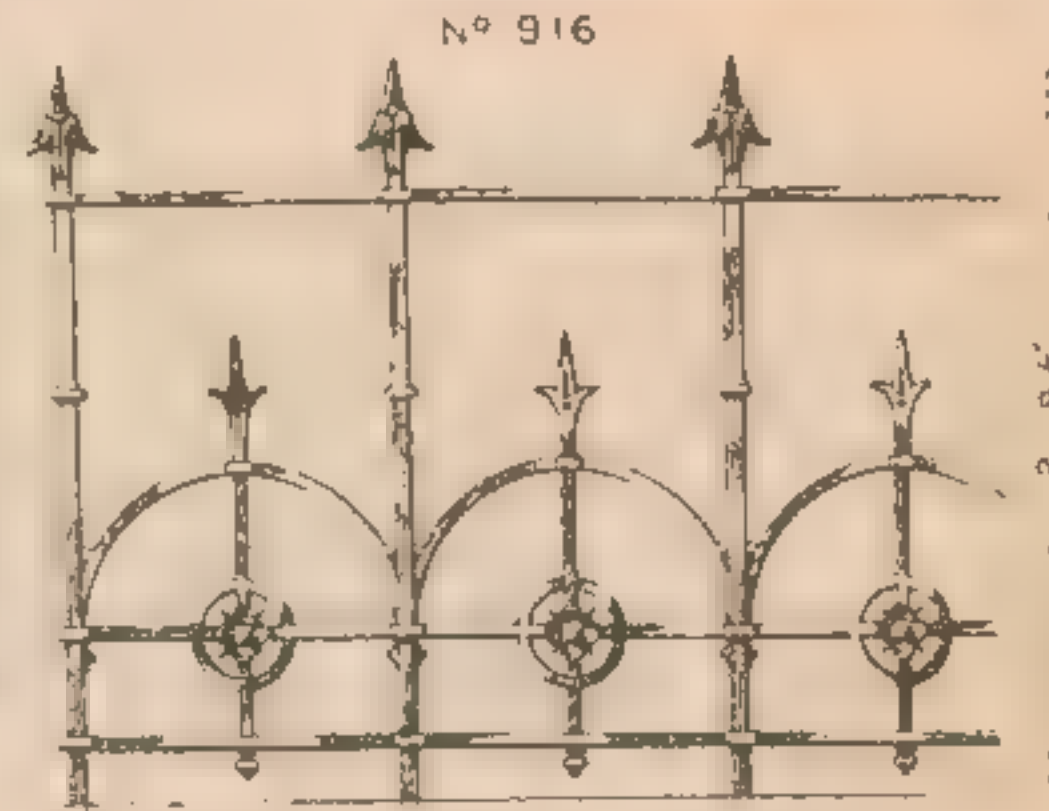
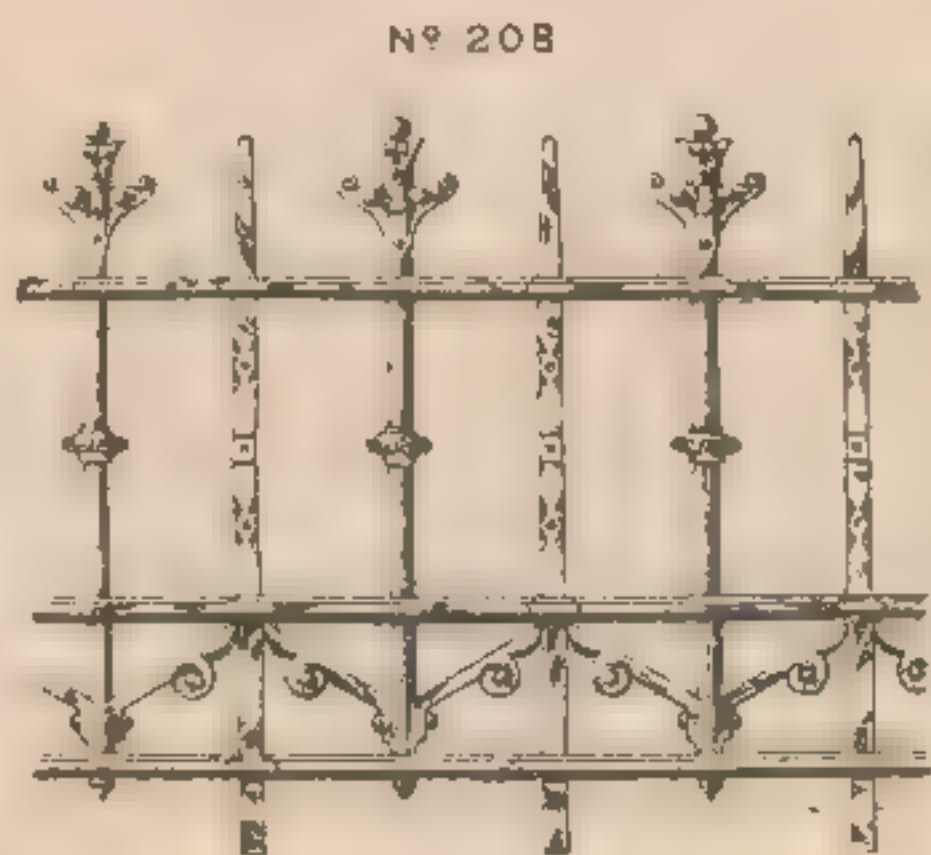
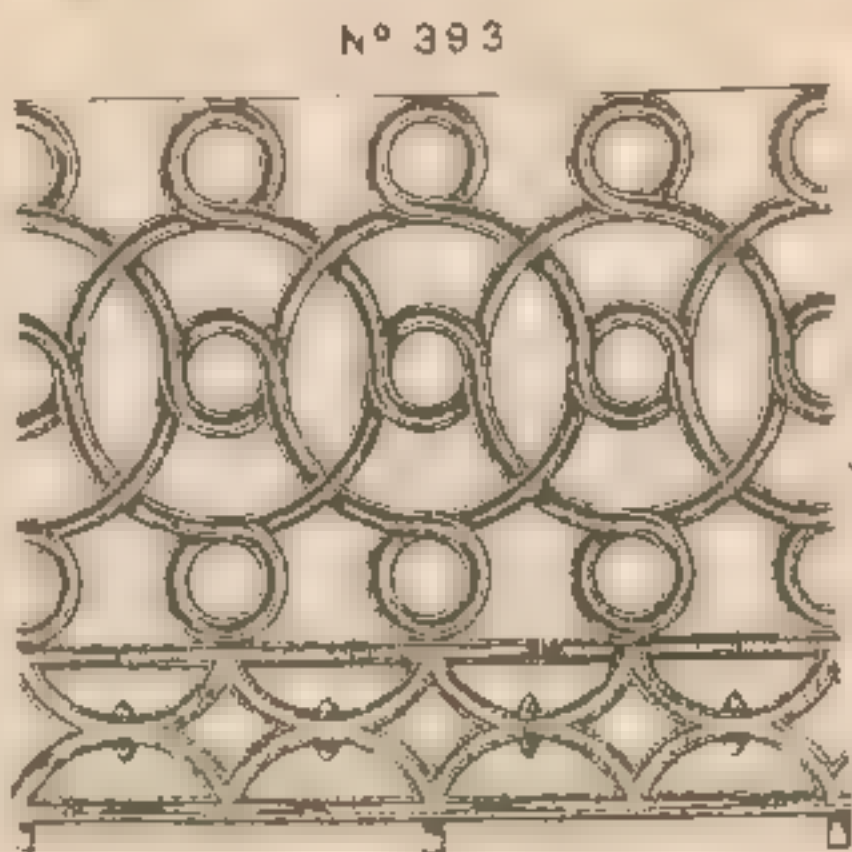
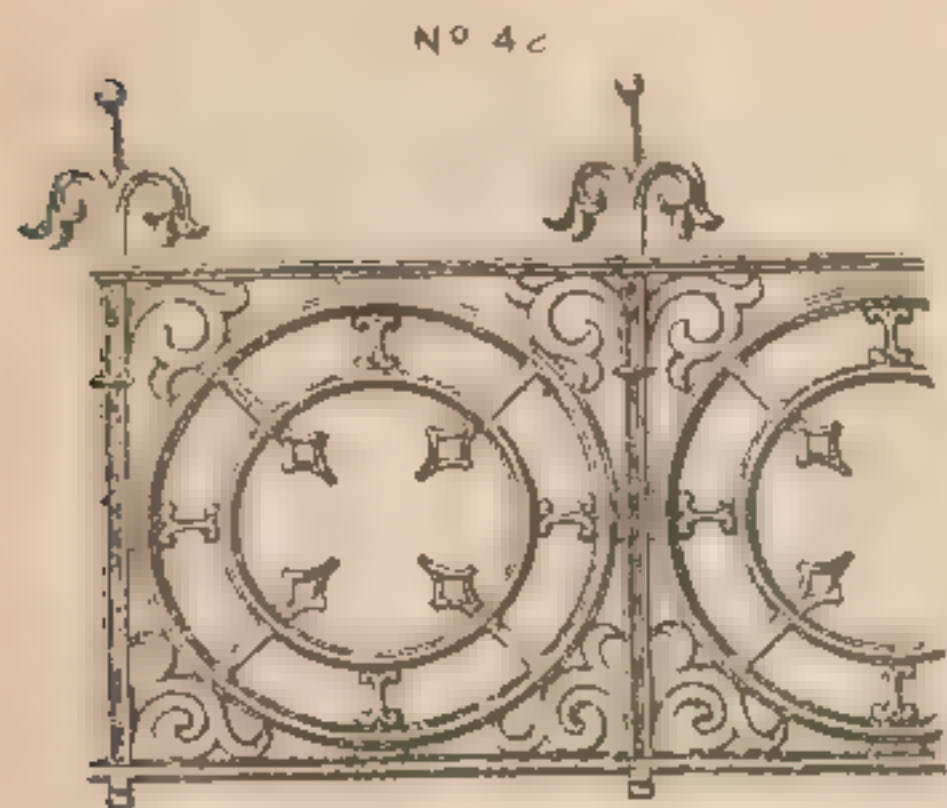
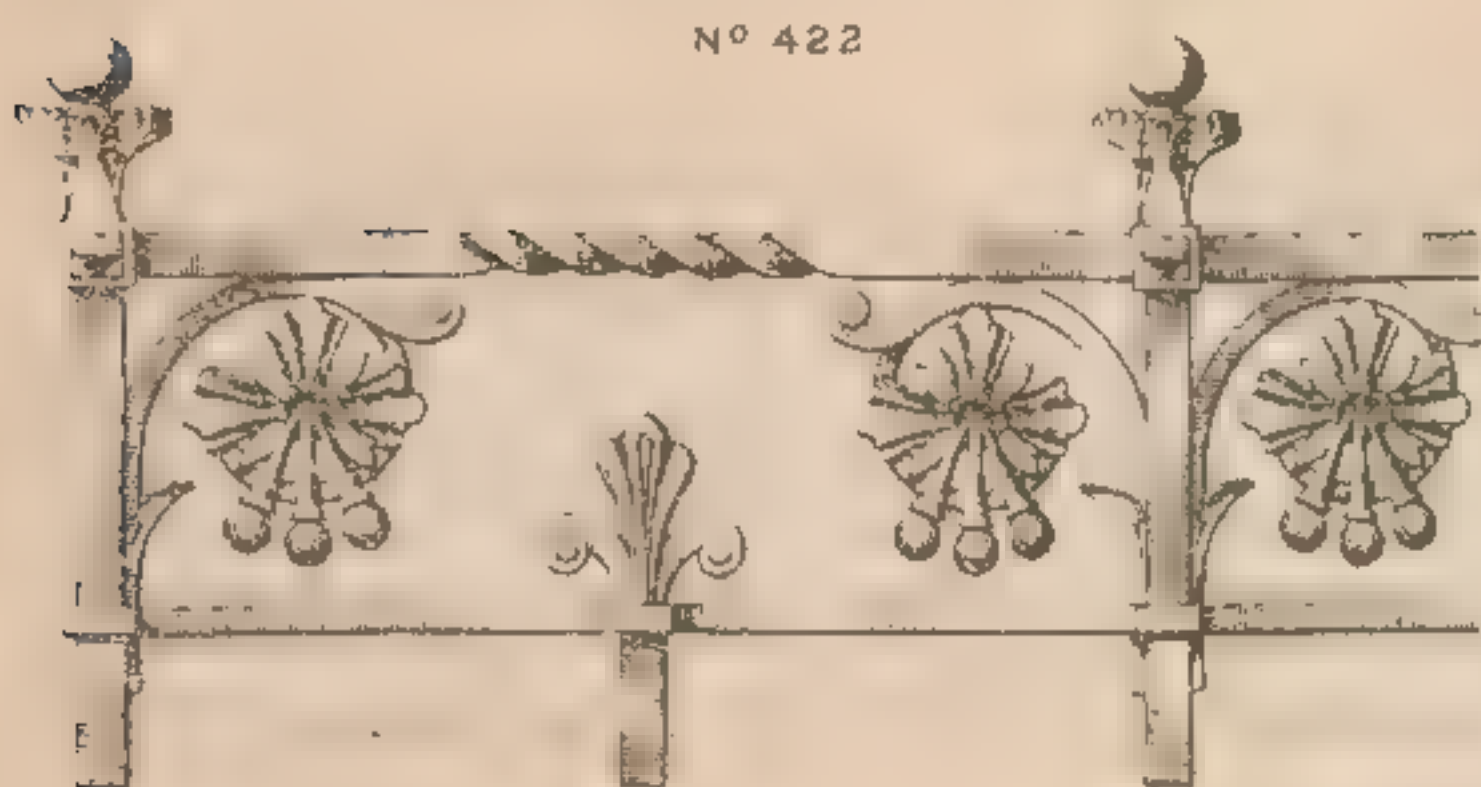
SCALE



Any size to order.



Main Standard priced separately

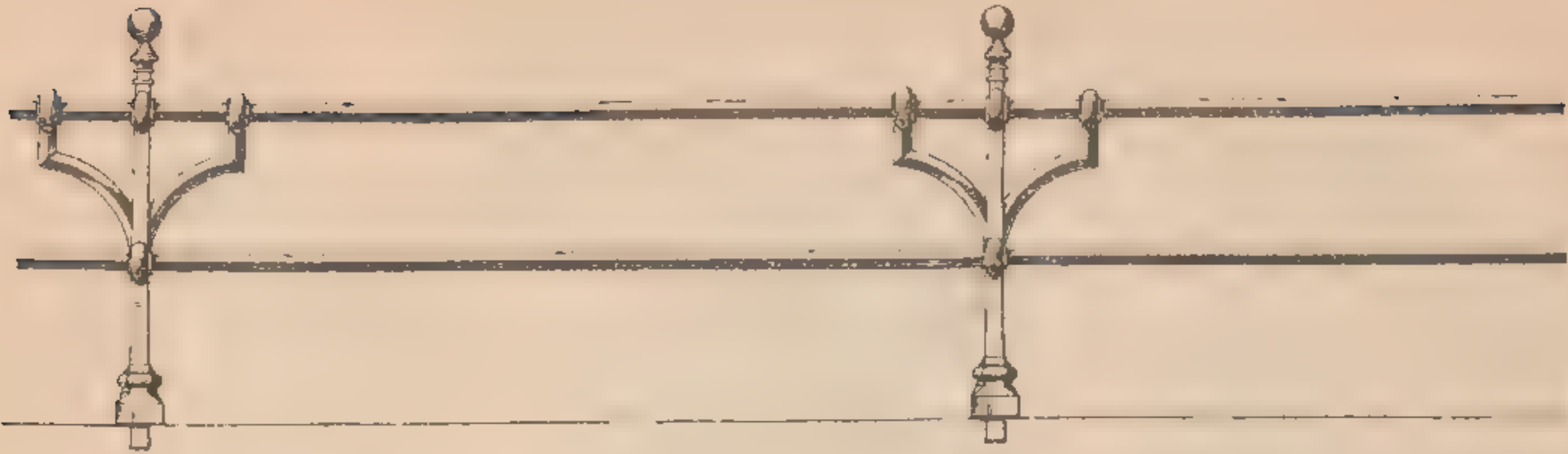


SCALE

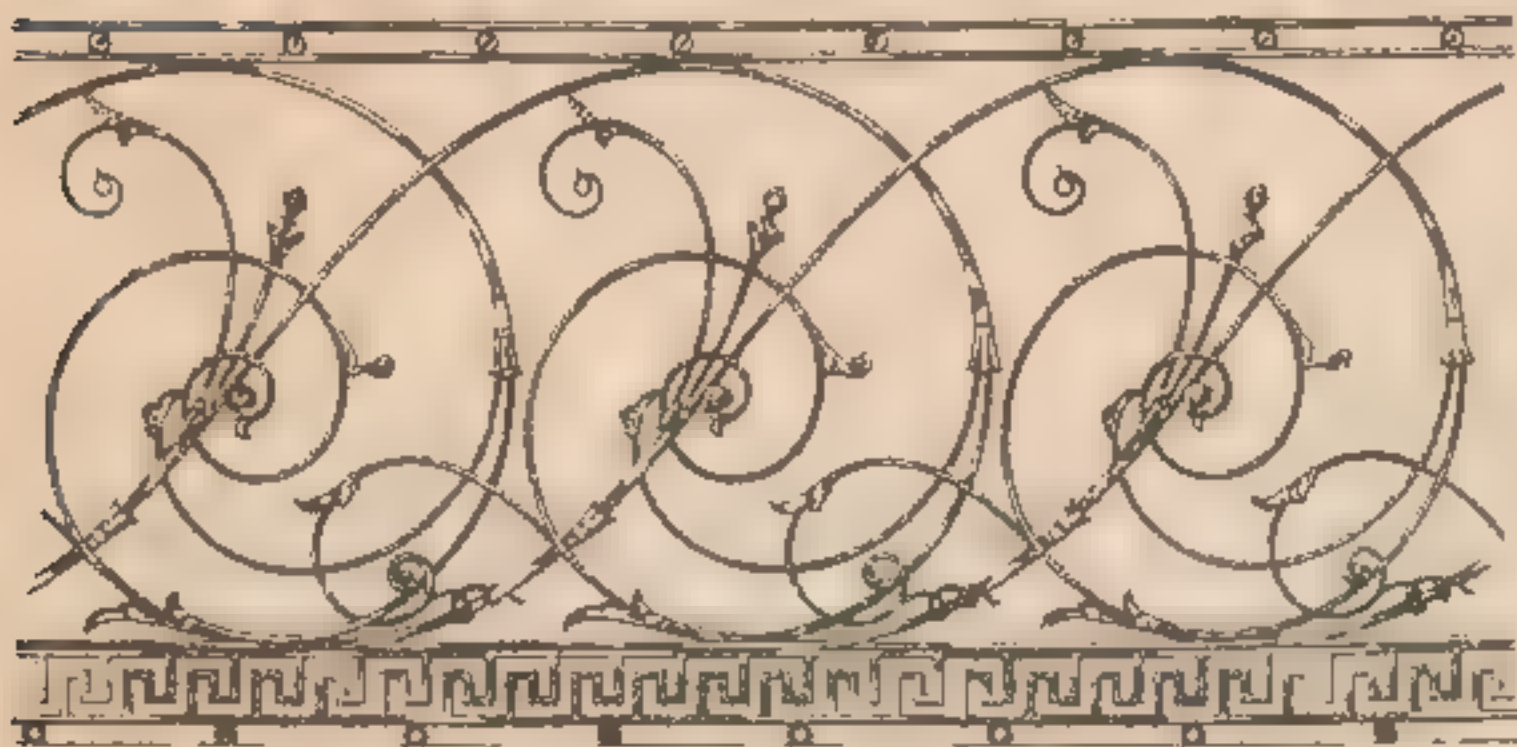


4 FEET

Nº 762



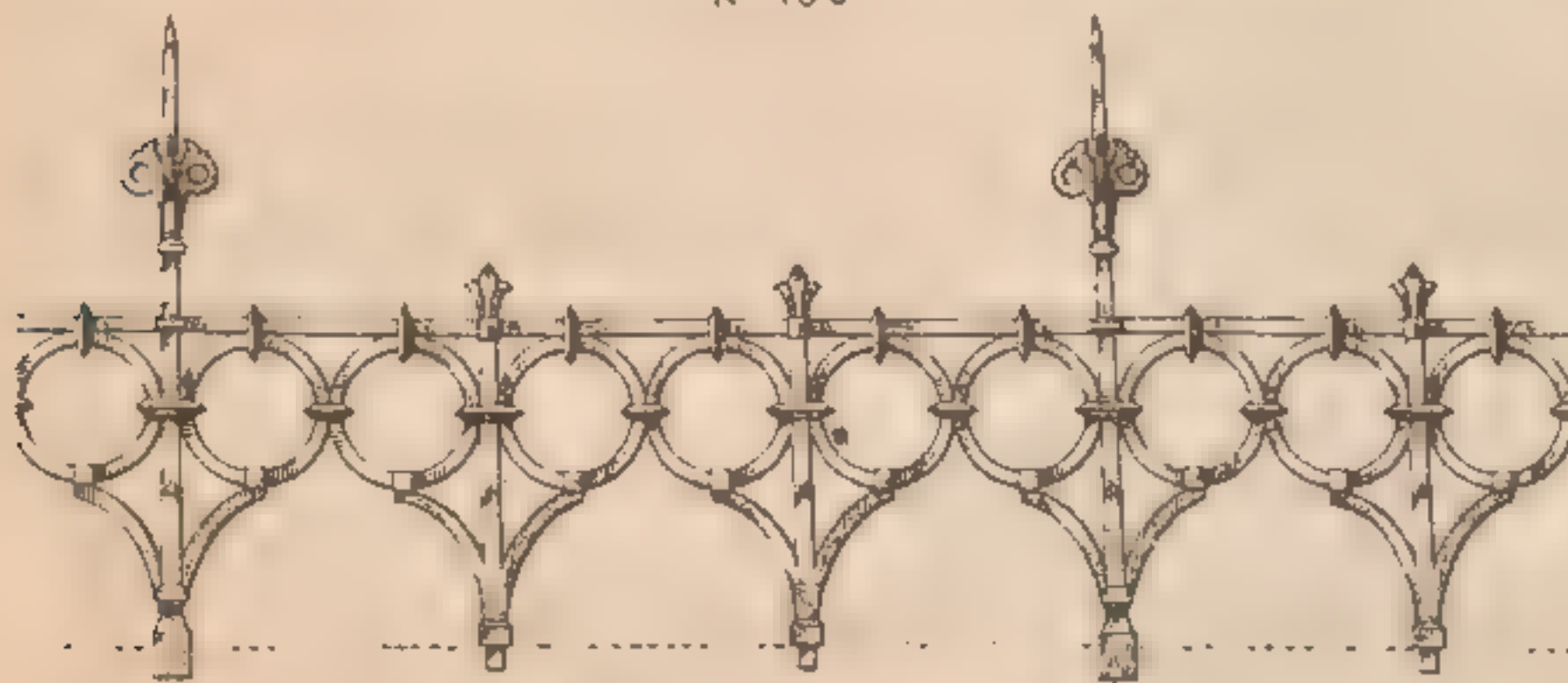
Nº 948



Nº 889



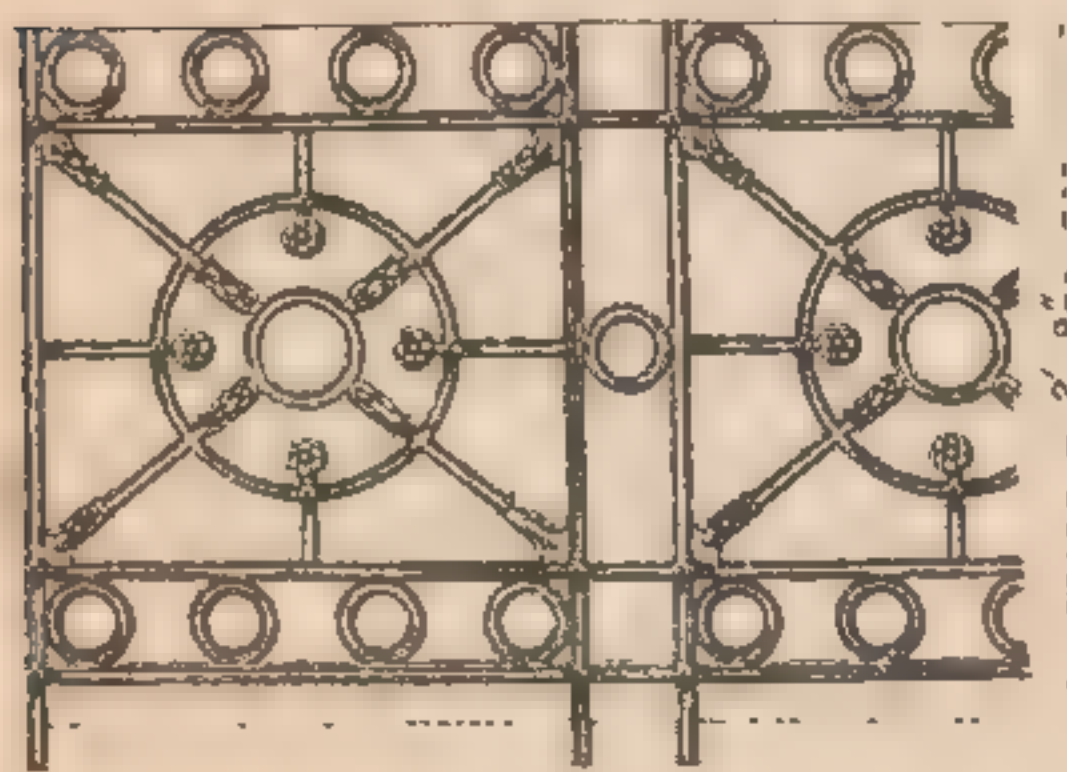
Nº 136



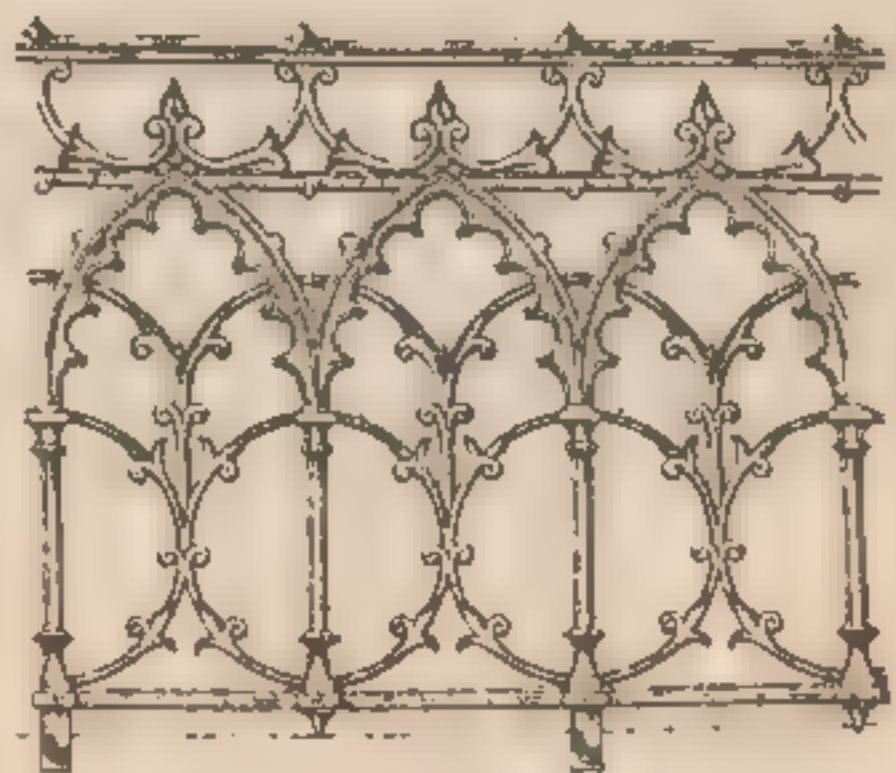
Nº 954



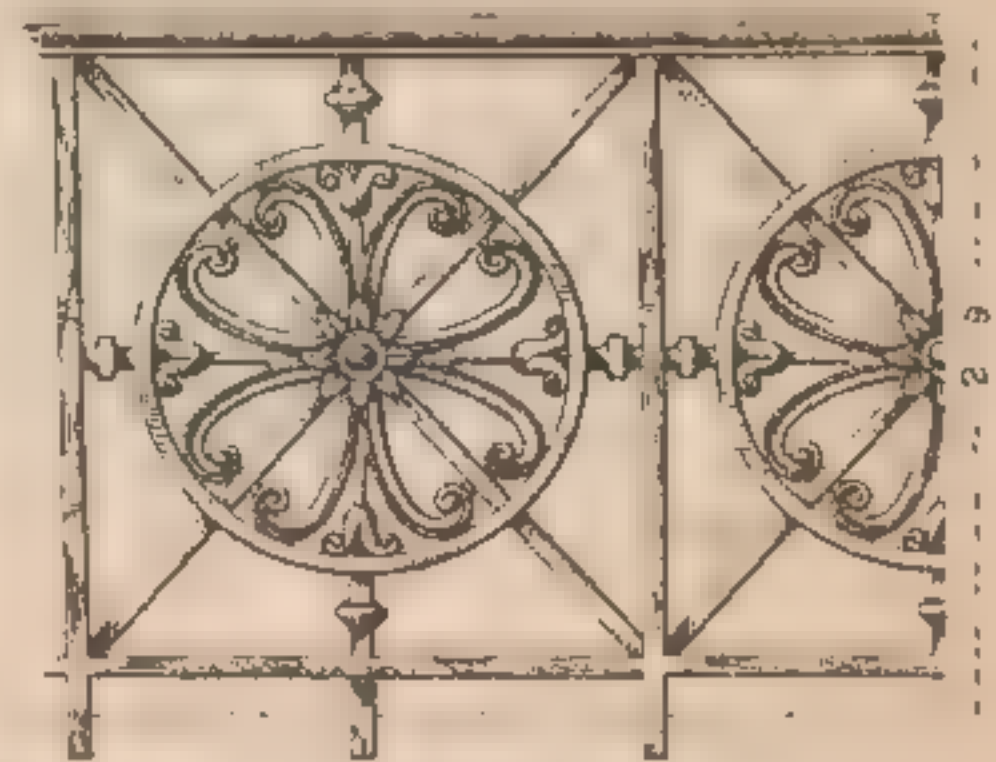
Nº 306



Nº 52



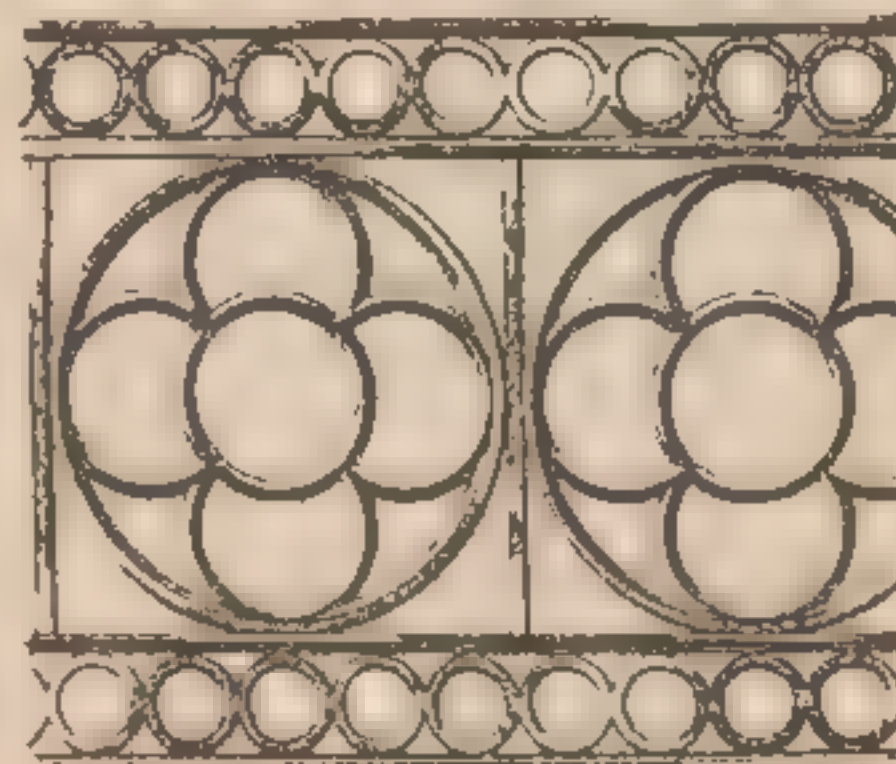
Nº 132



Nº 207



Nº 1109

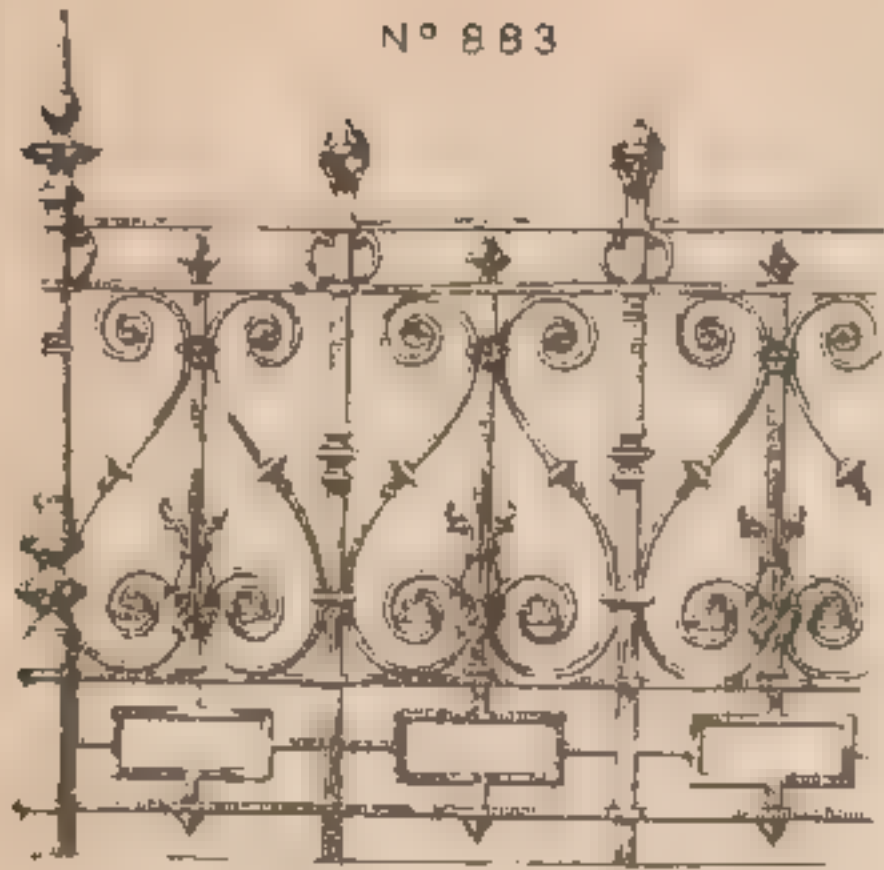


Nº 23

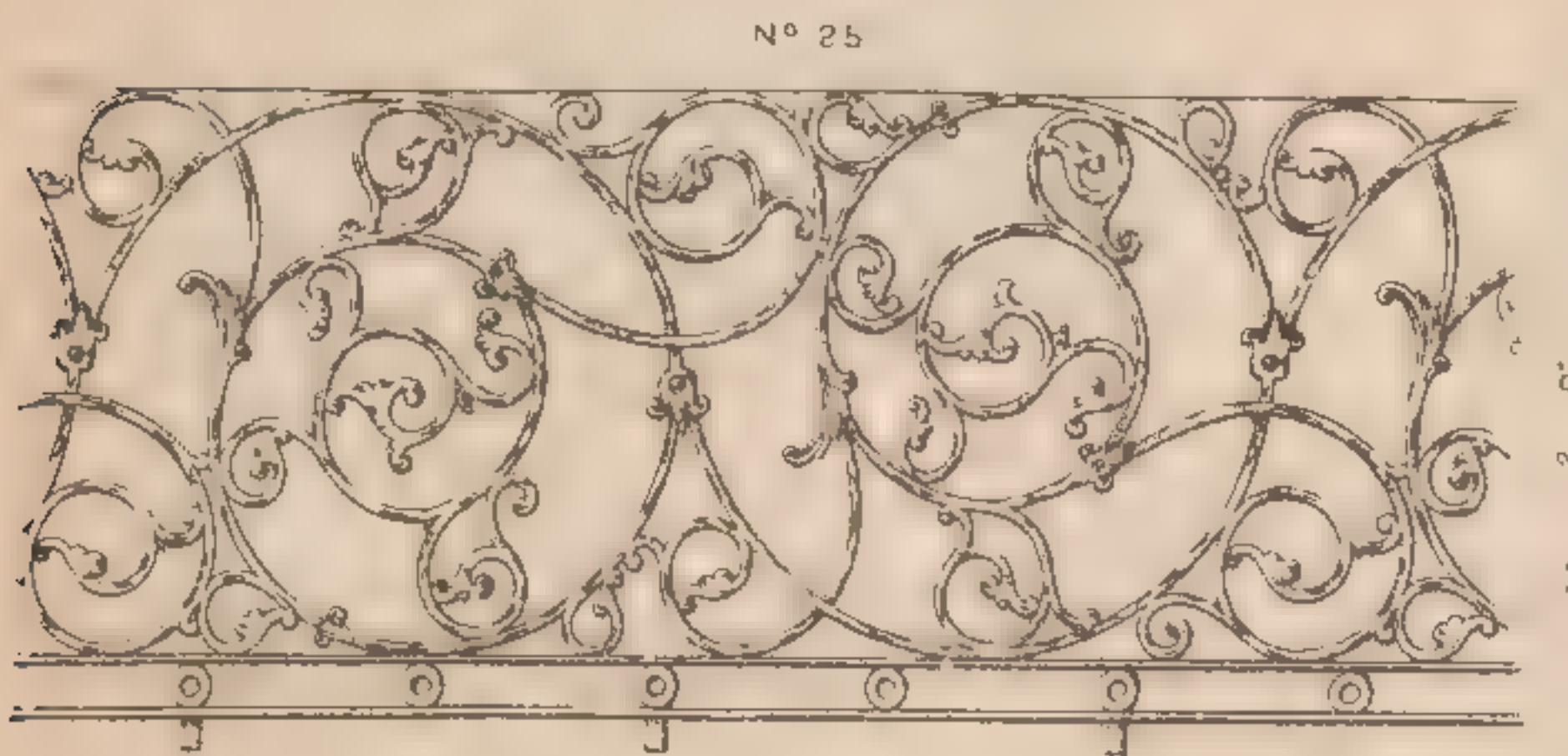
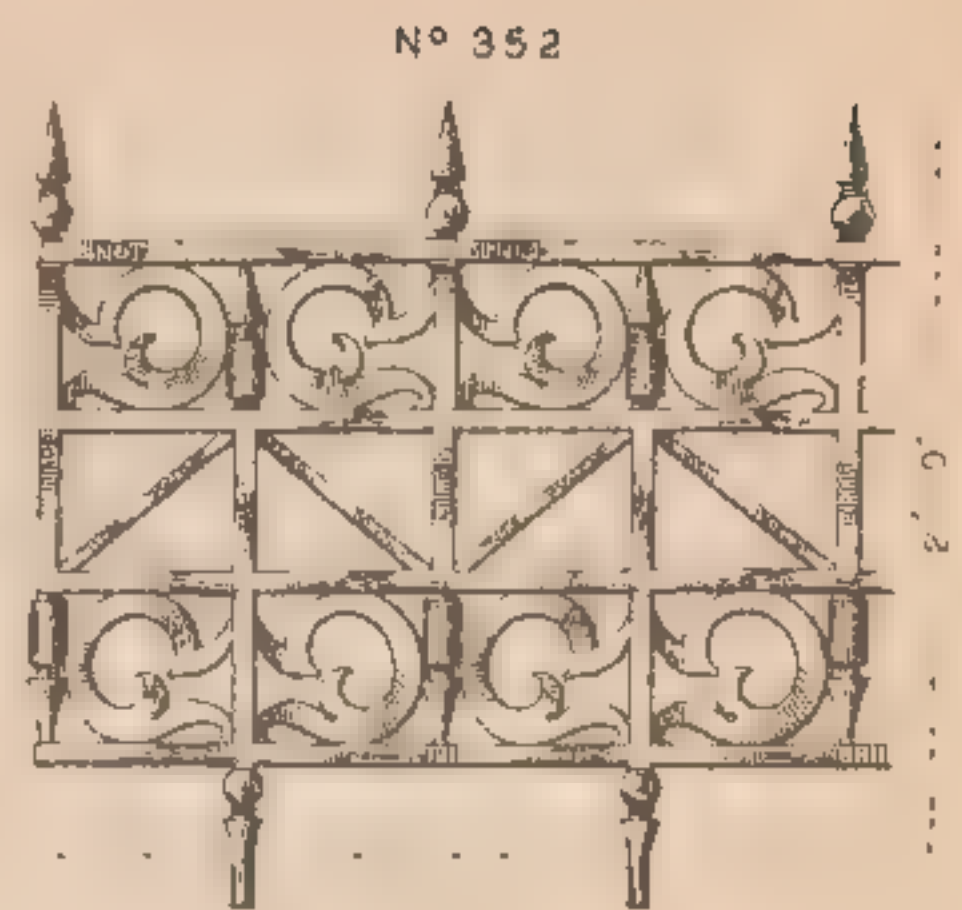
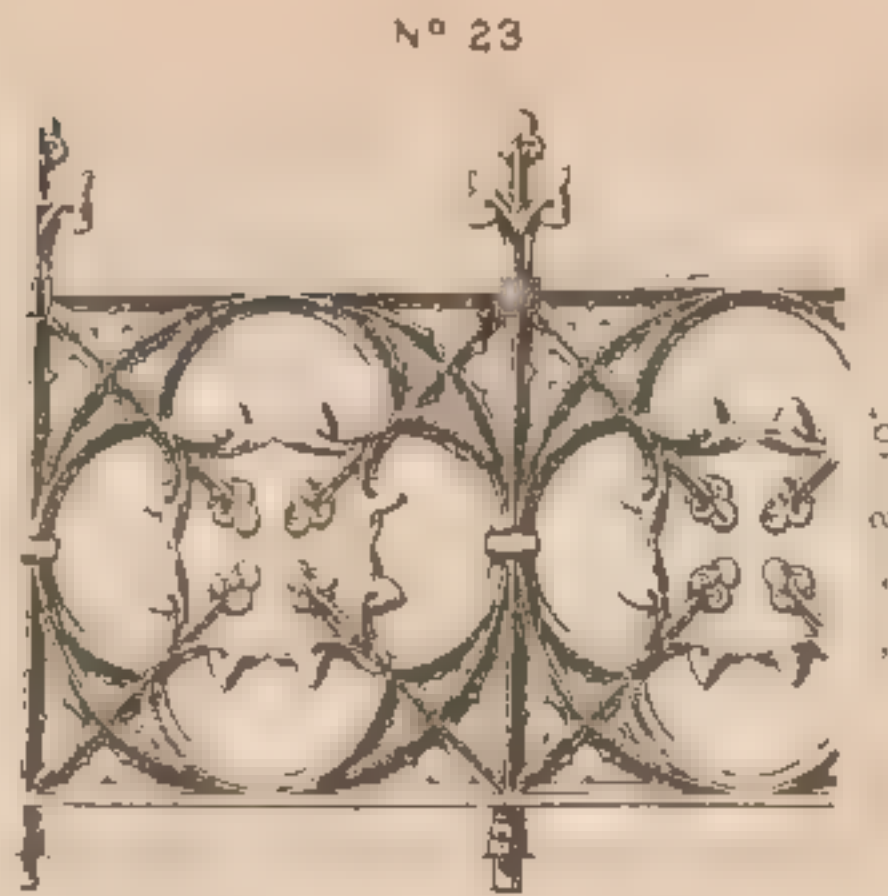


SCALE

4 FEET

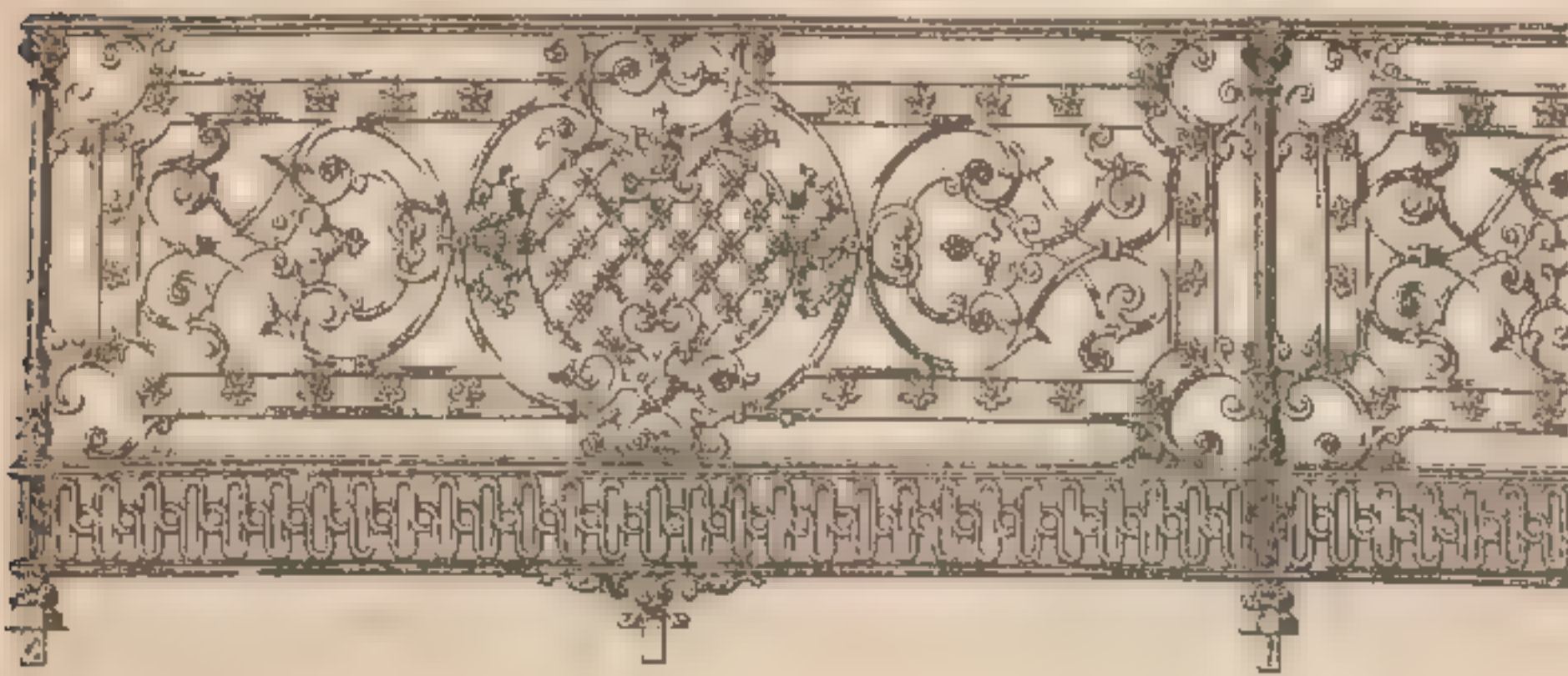


Main Standard piece separately

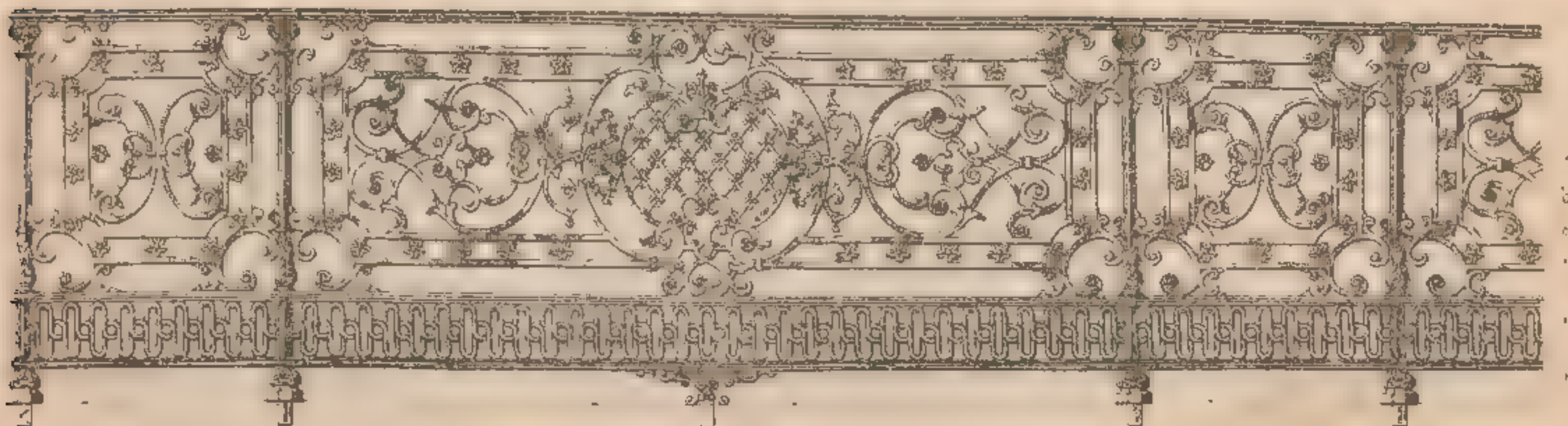


N° 421 - 5' 8 3/4" BETWEEN CENTRES

Also 1' 11 1/4", 3' 10", 4' 11 1/4", and 6' 2 1/4" between centres, which can be used separately or together in various combinations, as illustrated below



N° 42, 1 1/2' x 6' 2 1/2" BETWEEN CENTRES



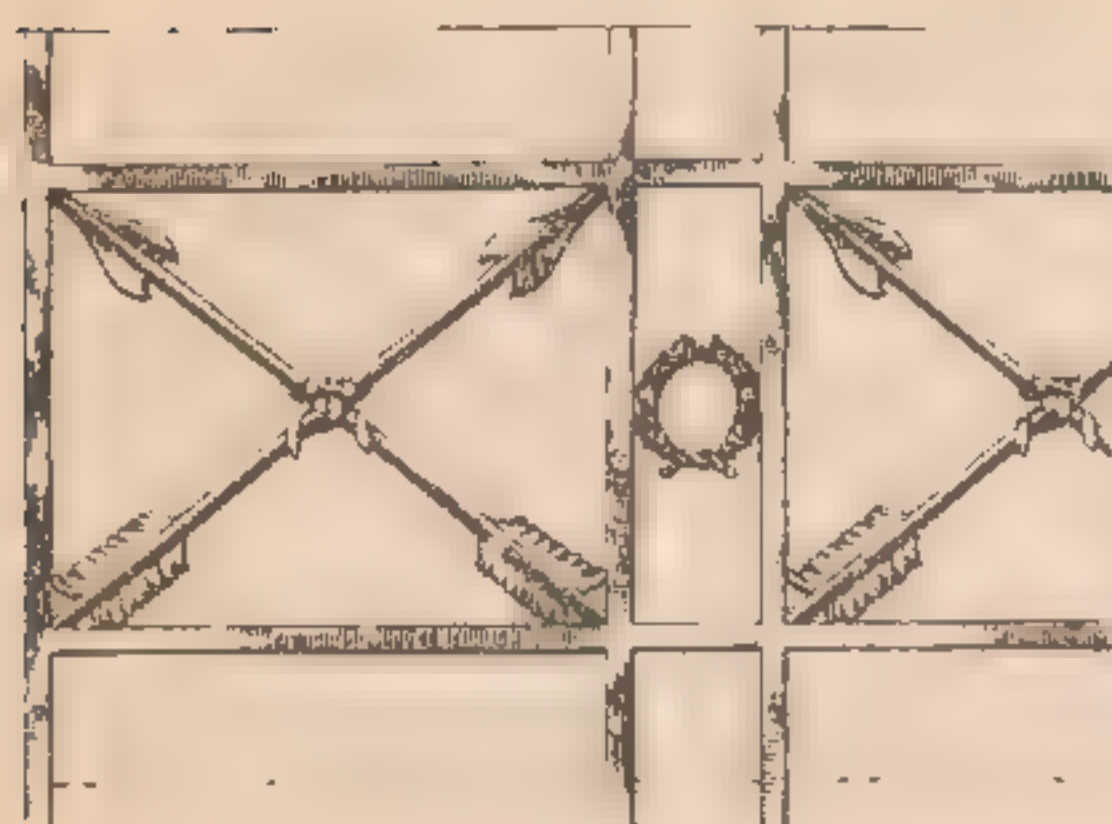
Nº 20



Nº 1094



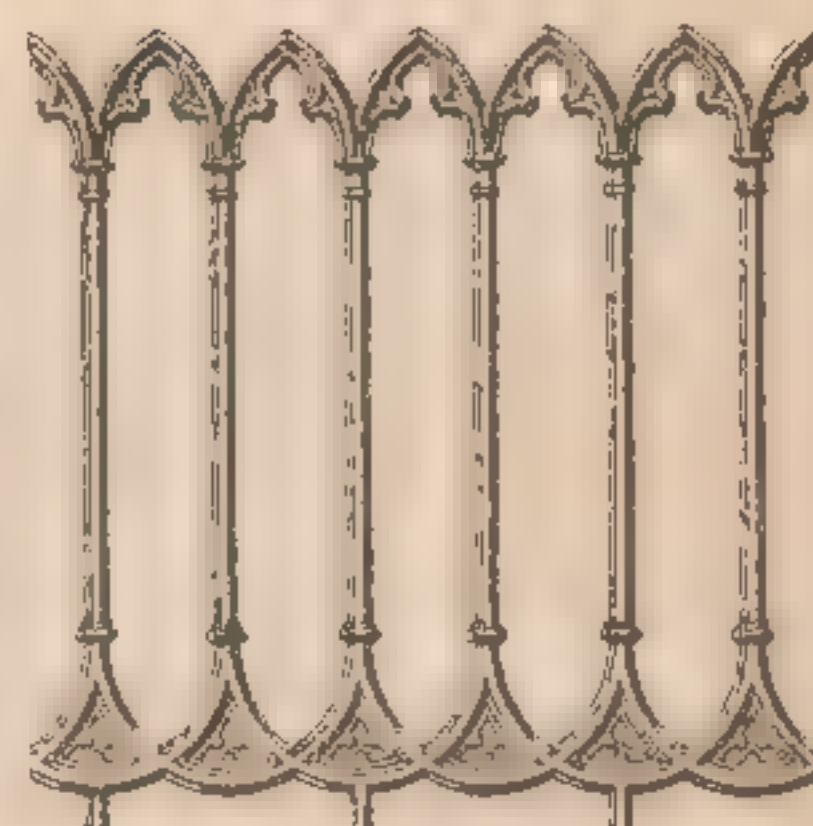
Nº 407



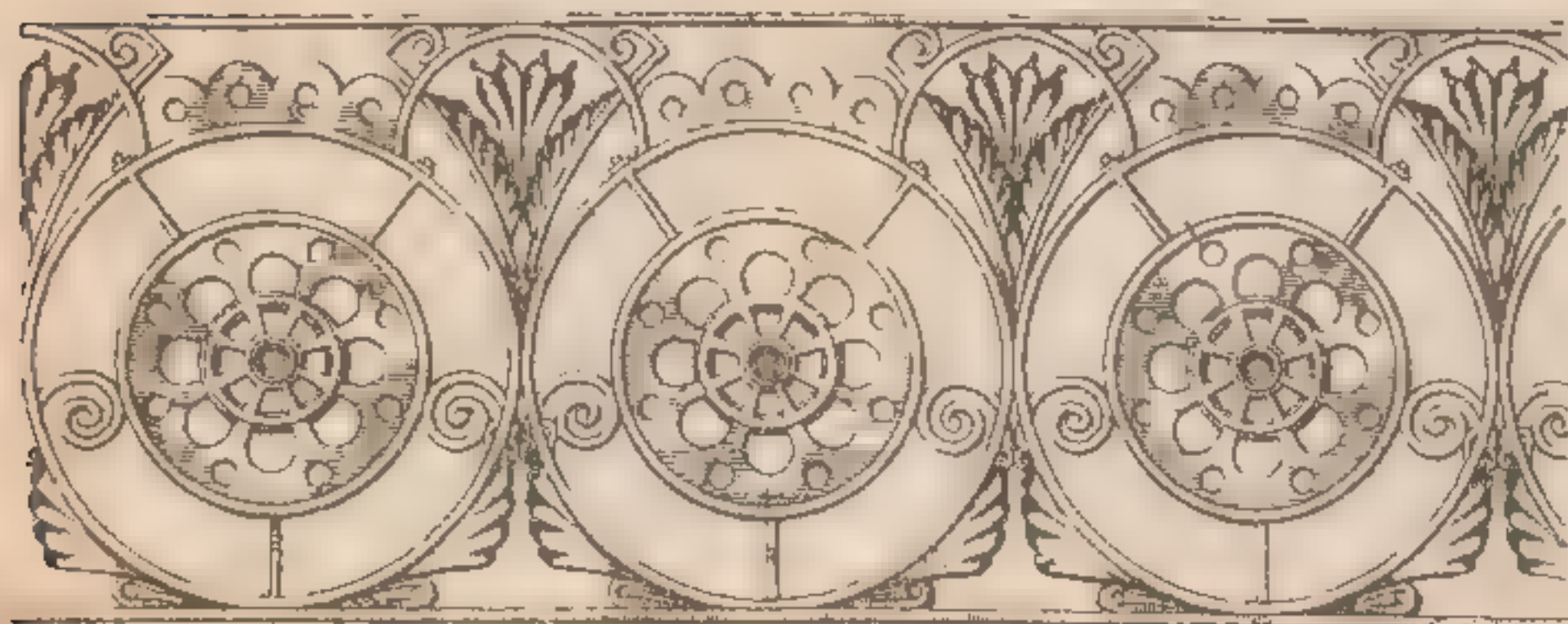
Nº 802



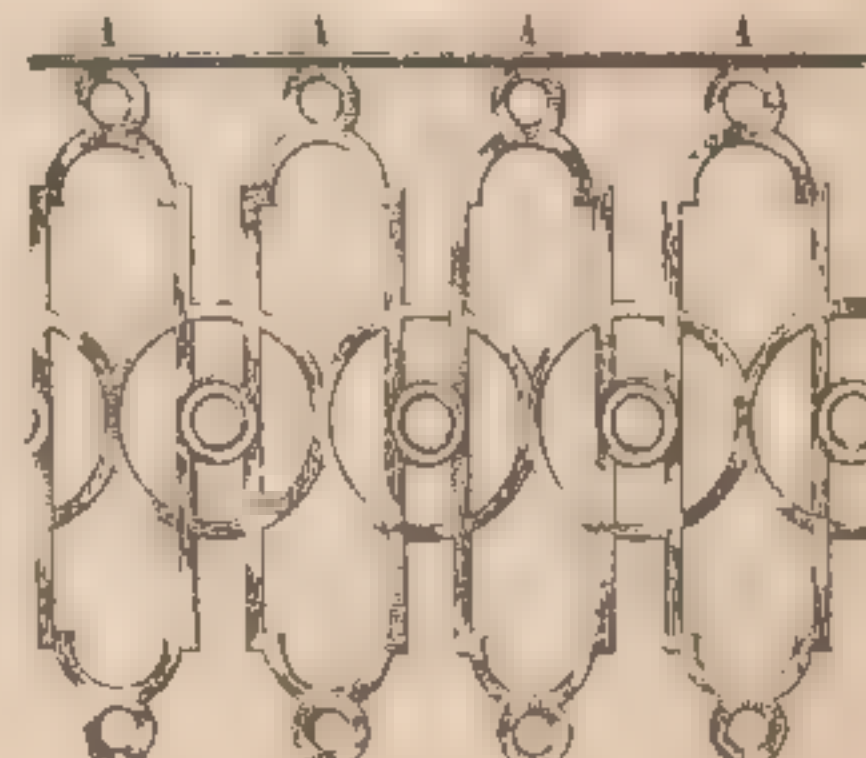
Nº 373



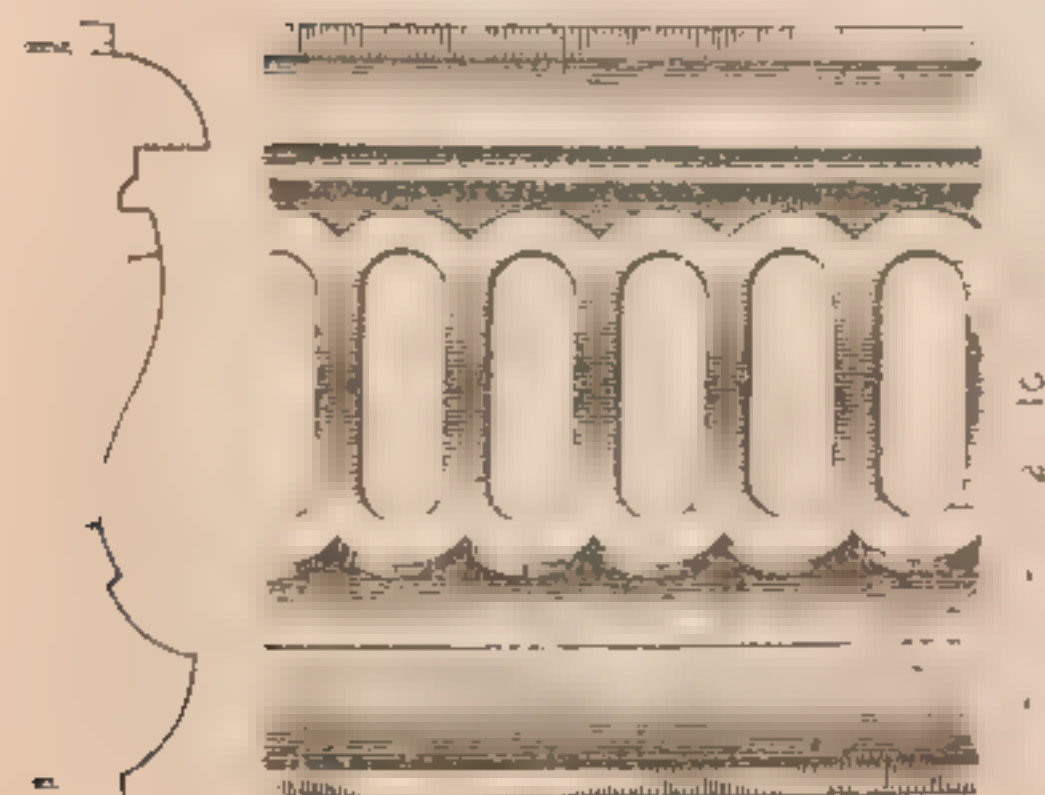
Nº 141



Nº 813



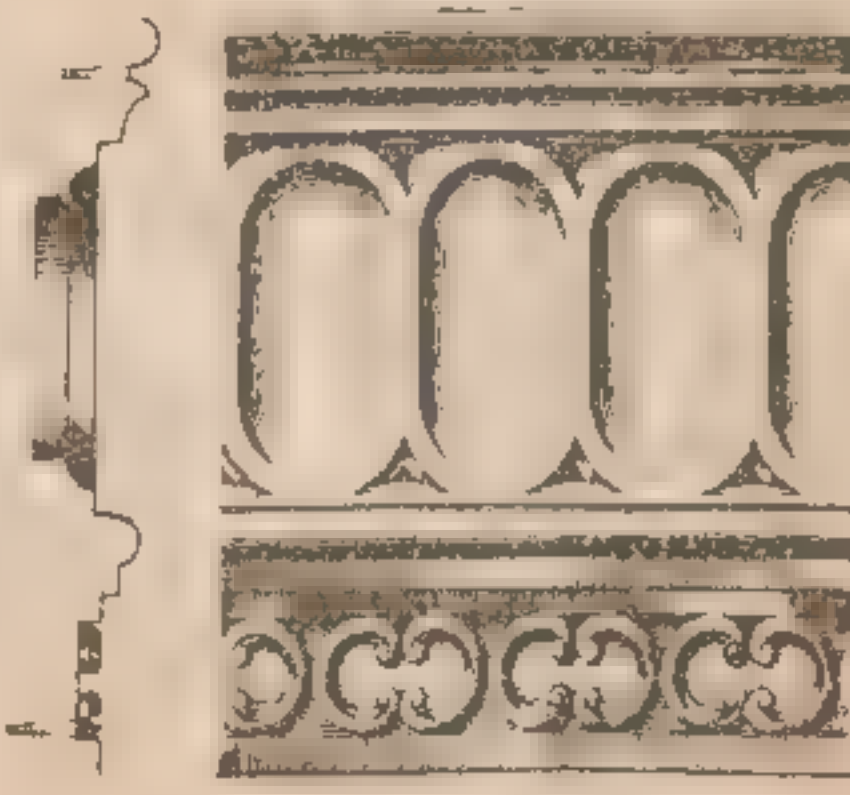
Nº 195



Nº 114



Nº 204



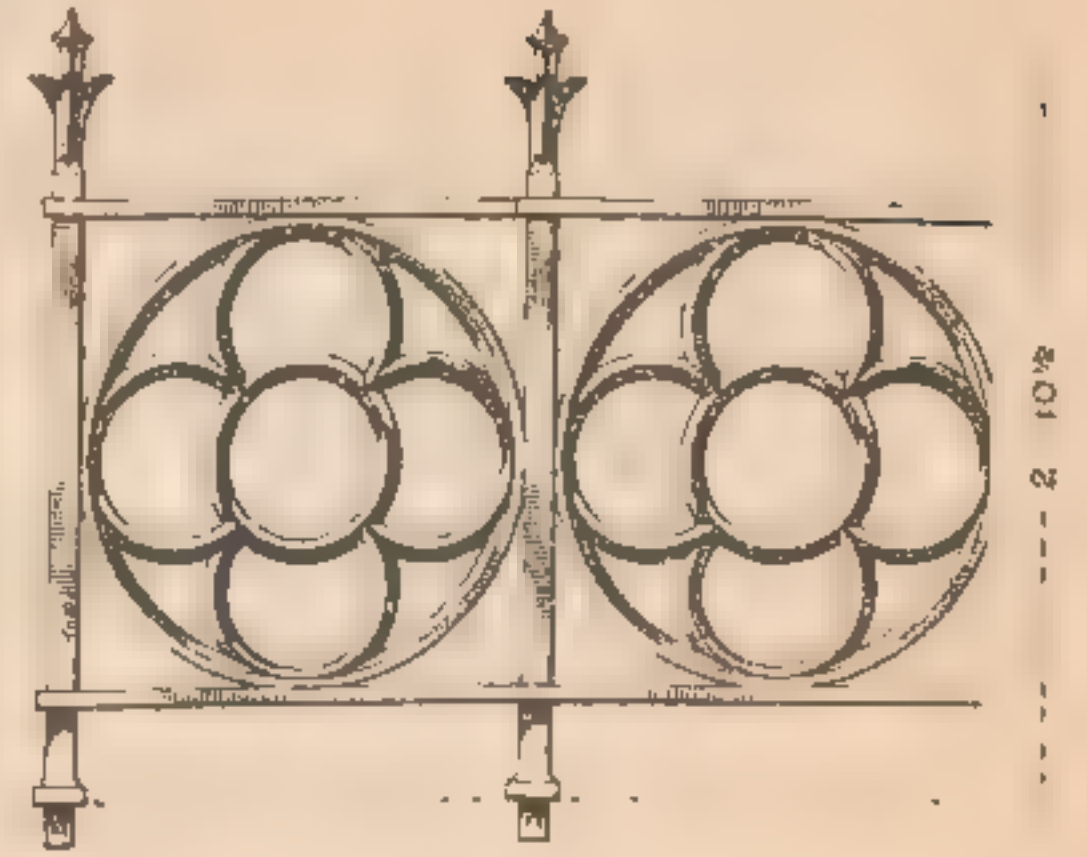
SCALE



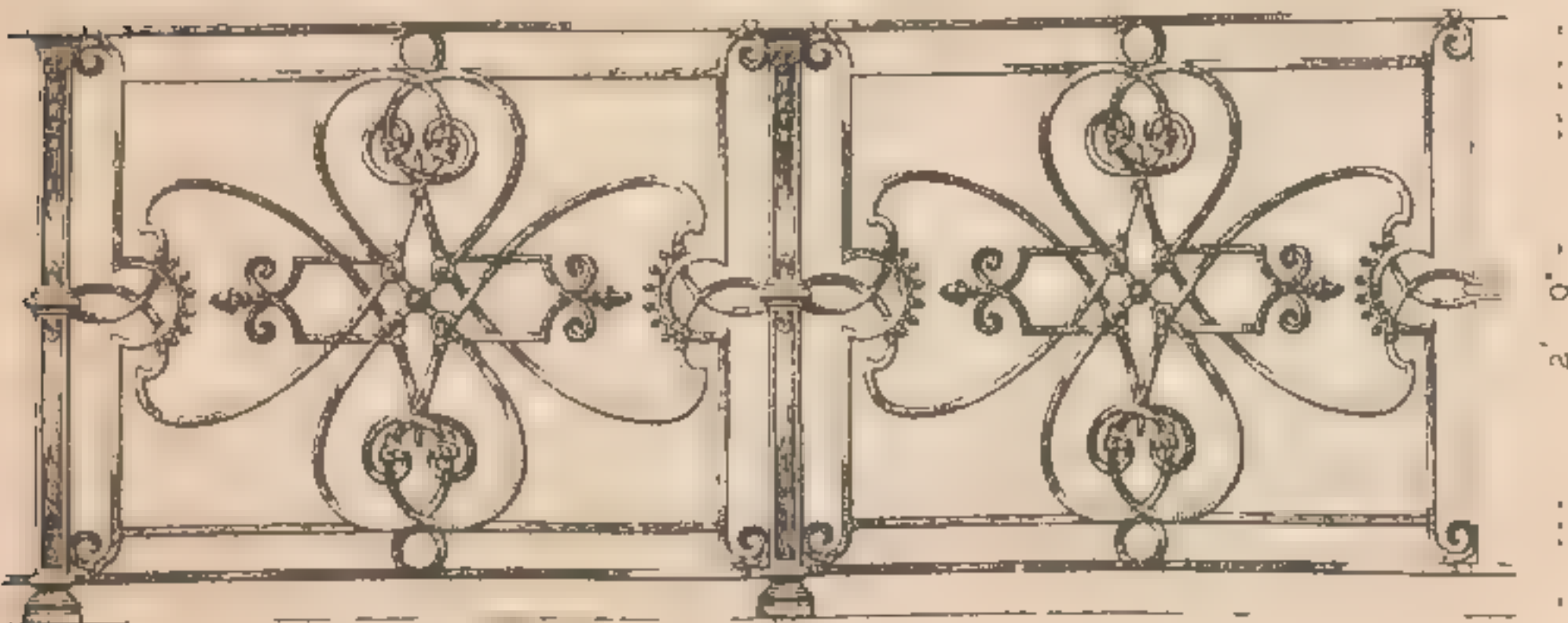
N° 163



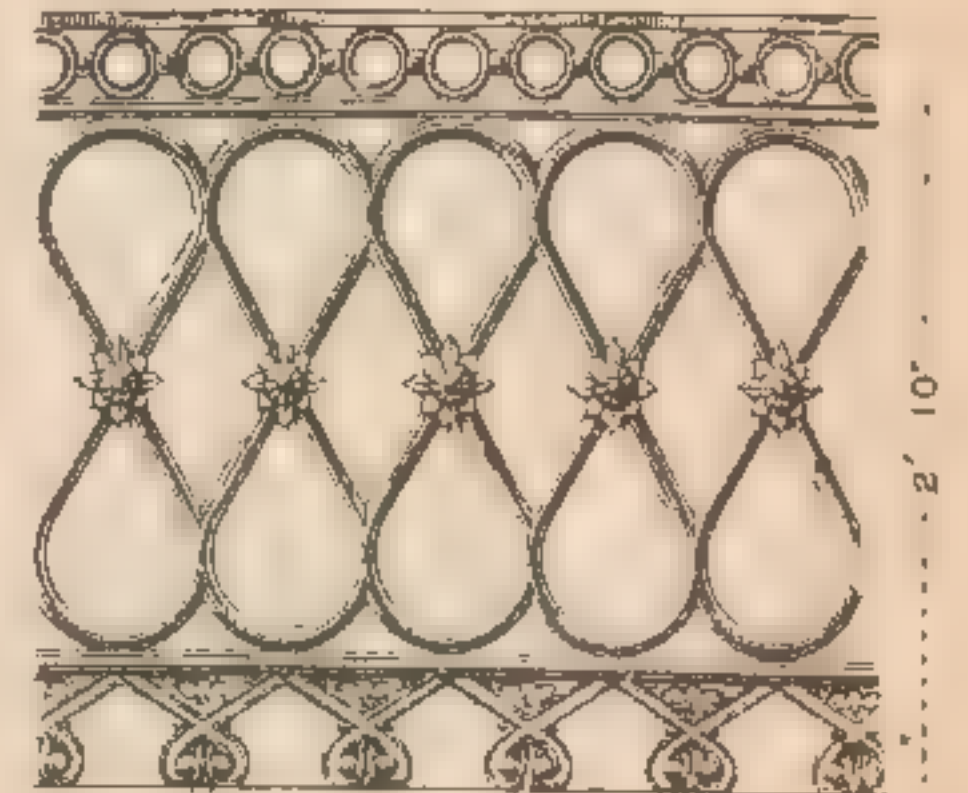
N° 159



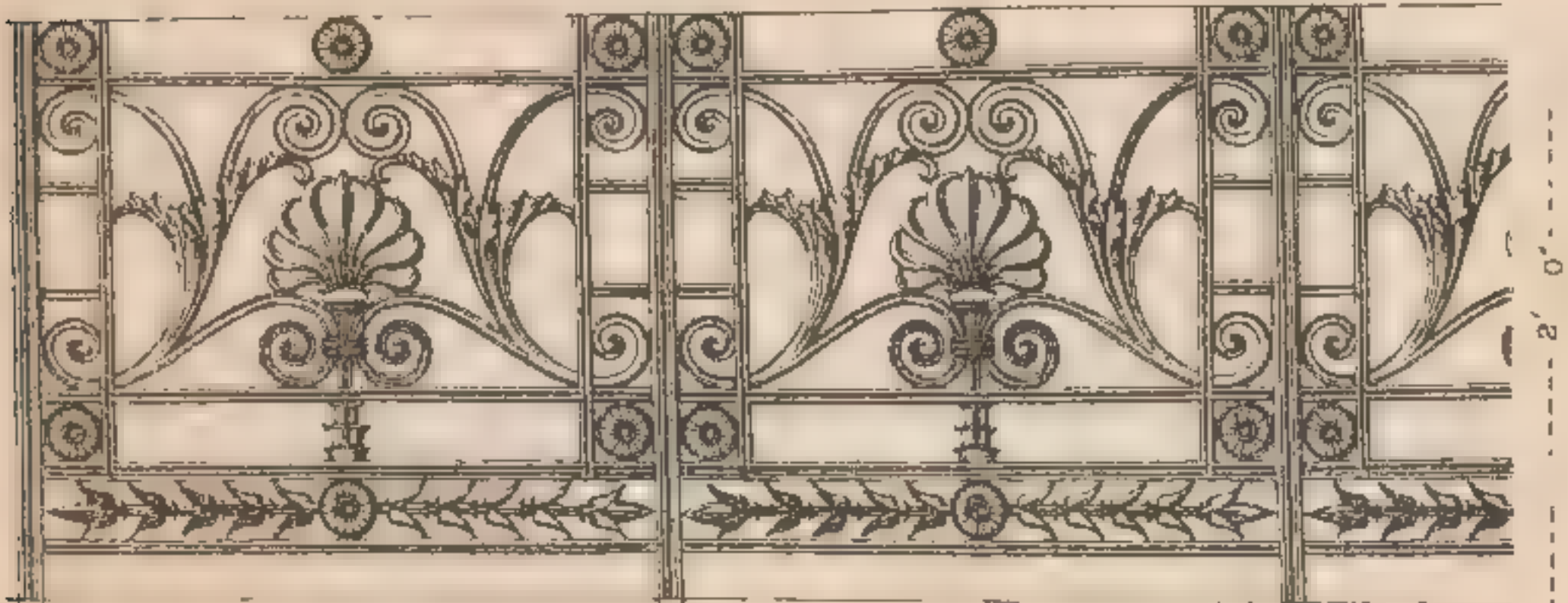
N° 875



N° 828



N° 957



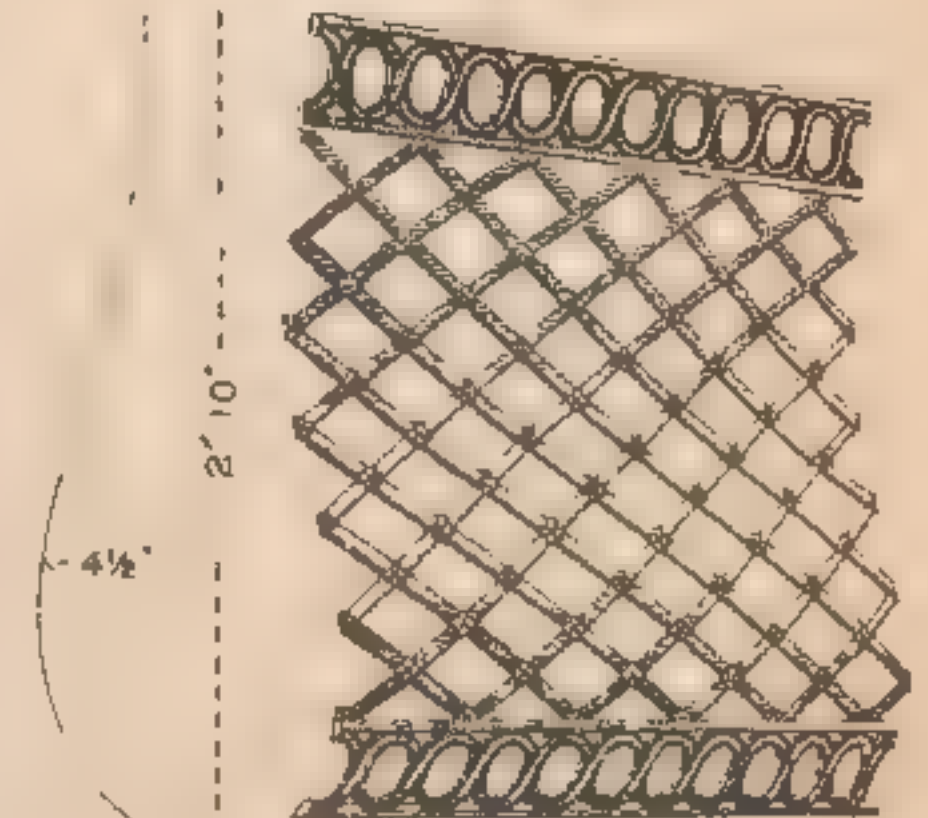
N° 295



N° 958



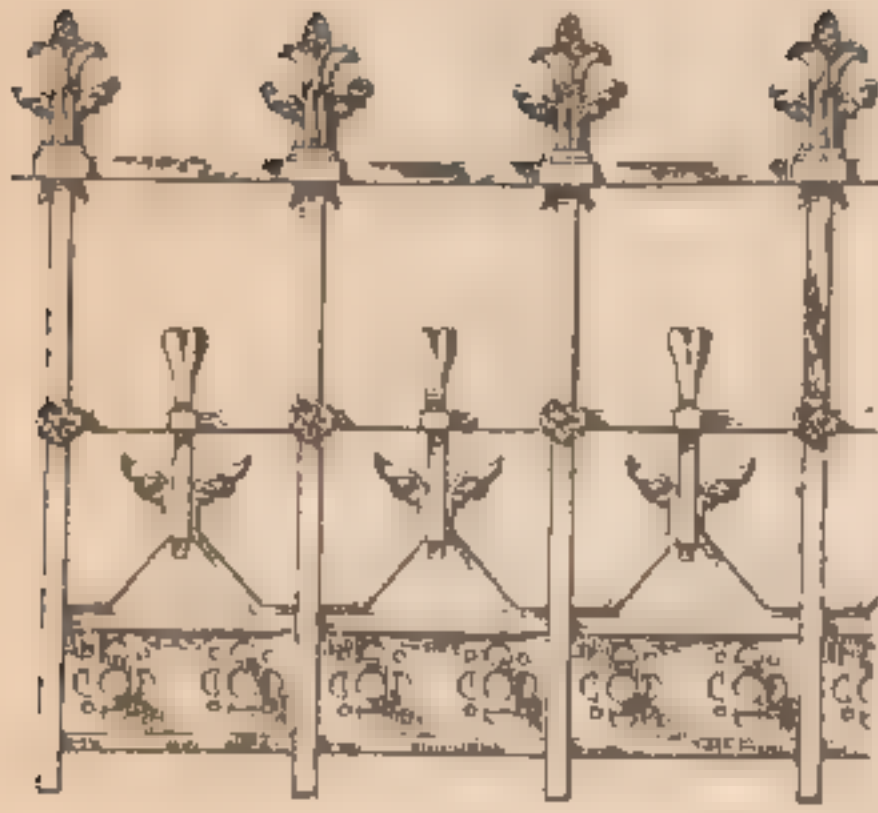
N° 326



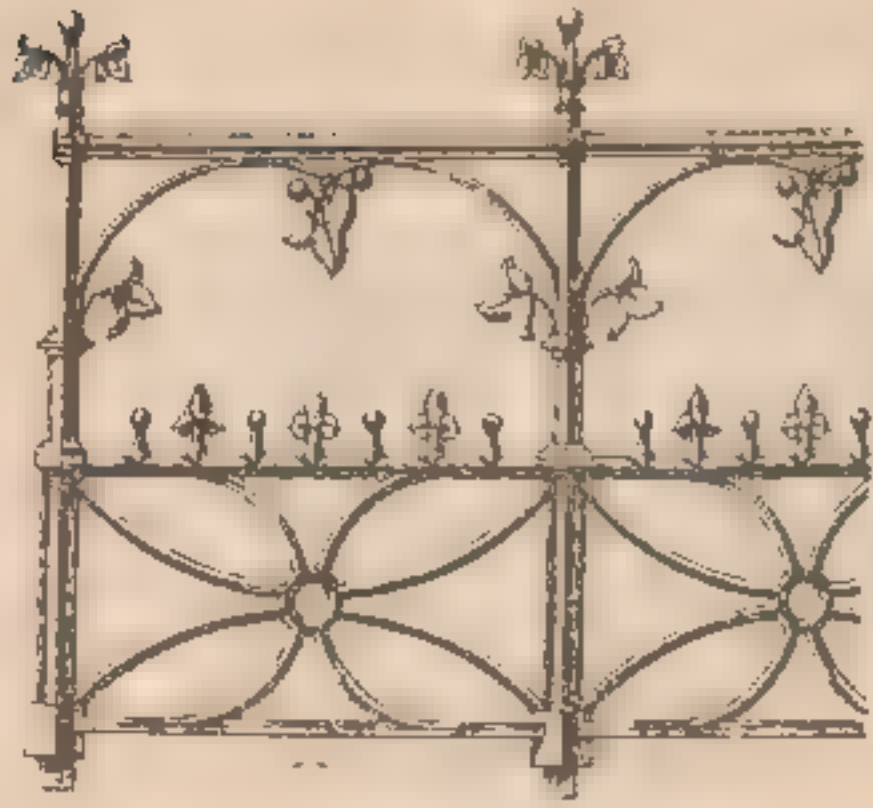
SCALE



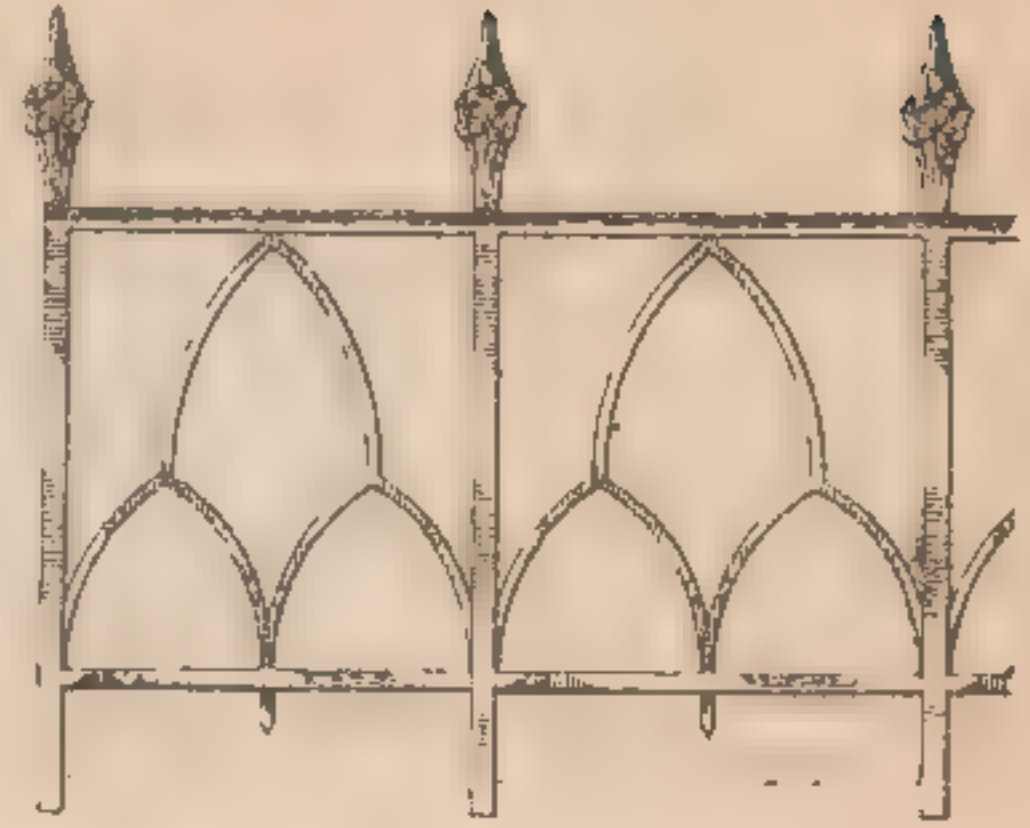
Nº 19.



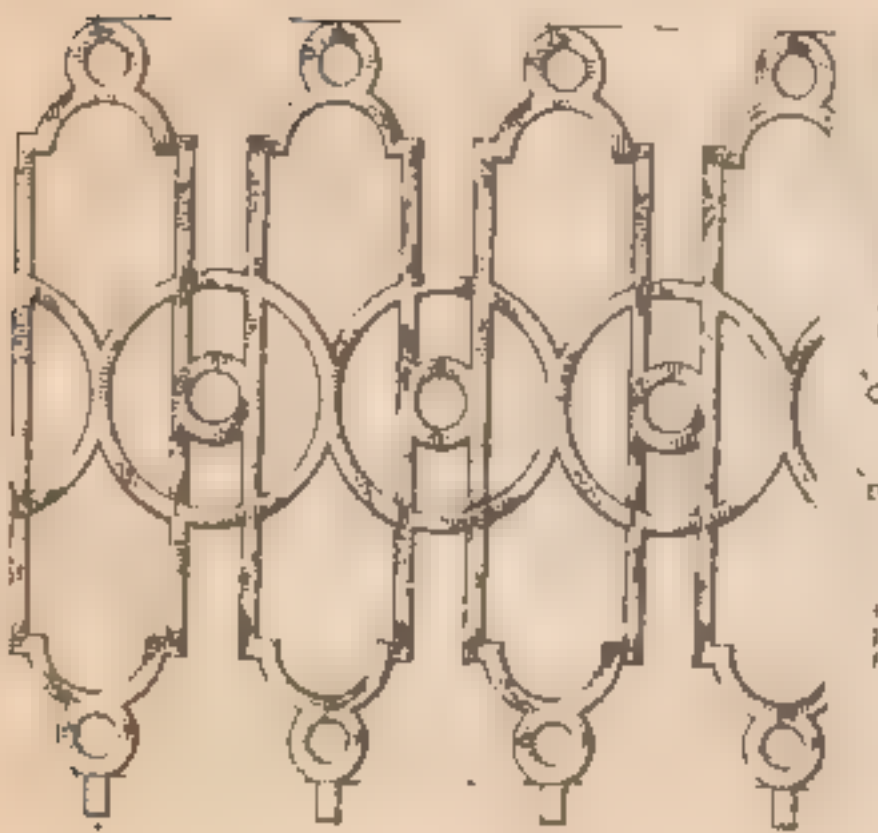
Nº 49



Nº 473



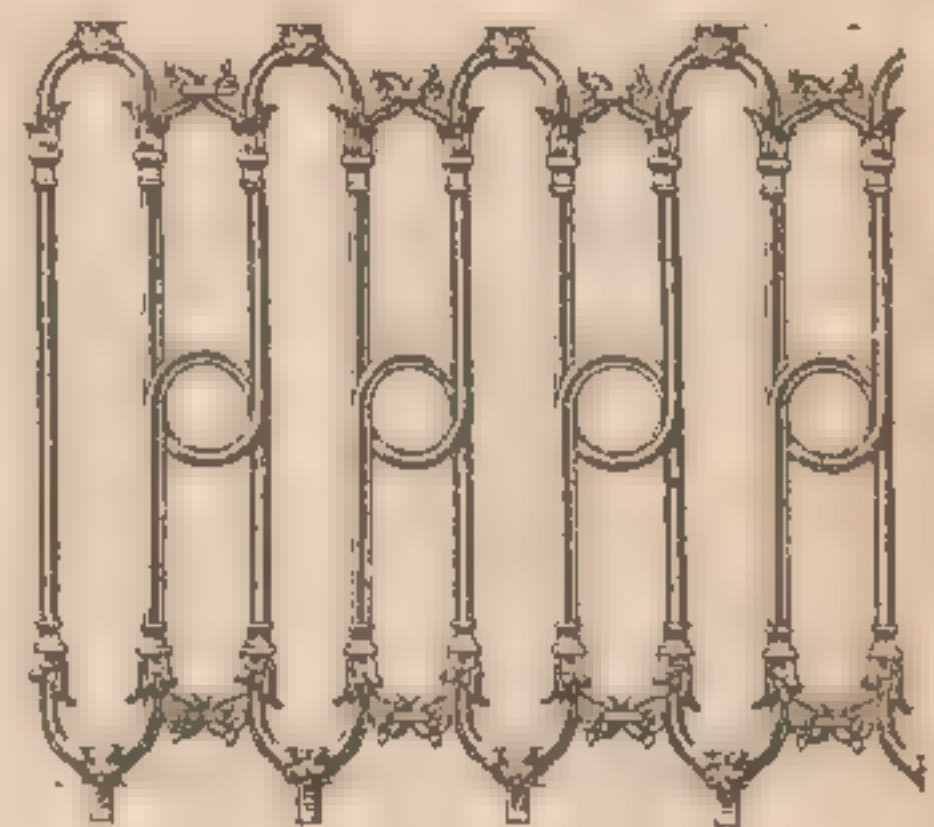
Nº 302



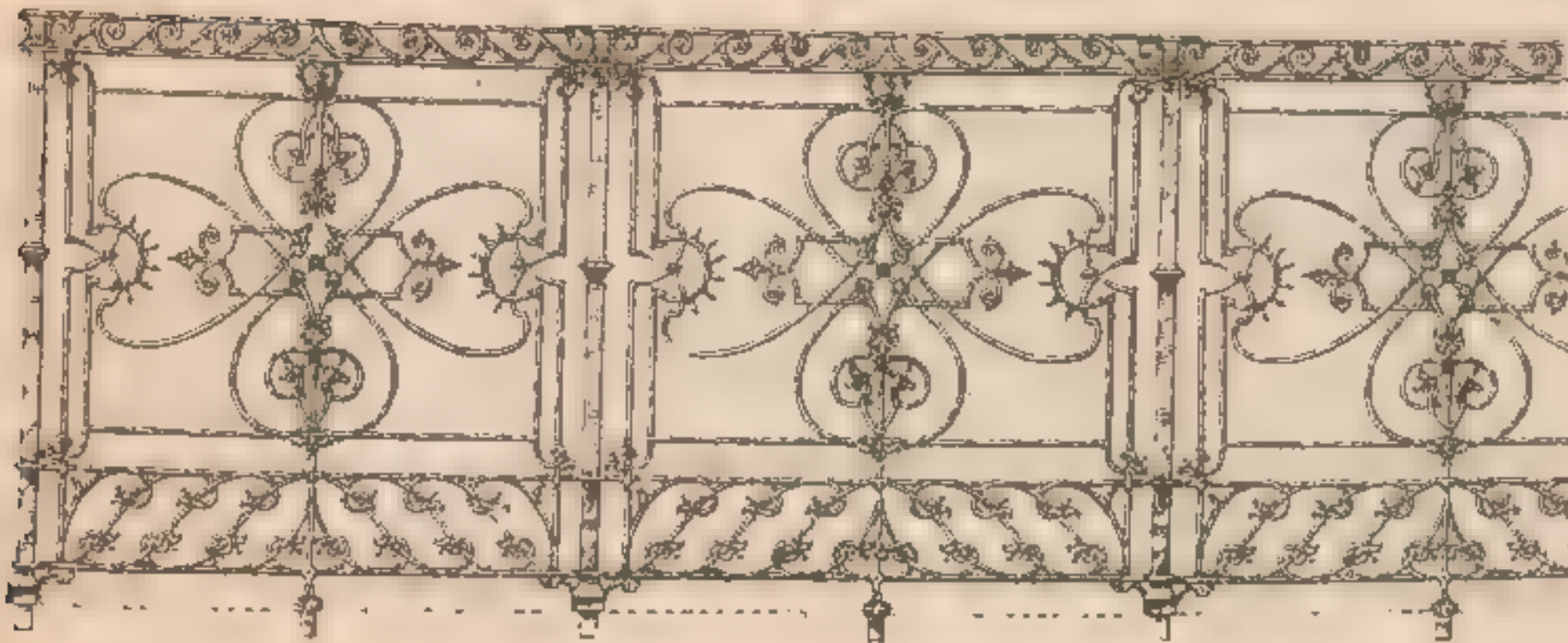
Nº 606



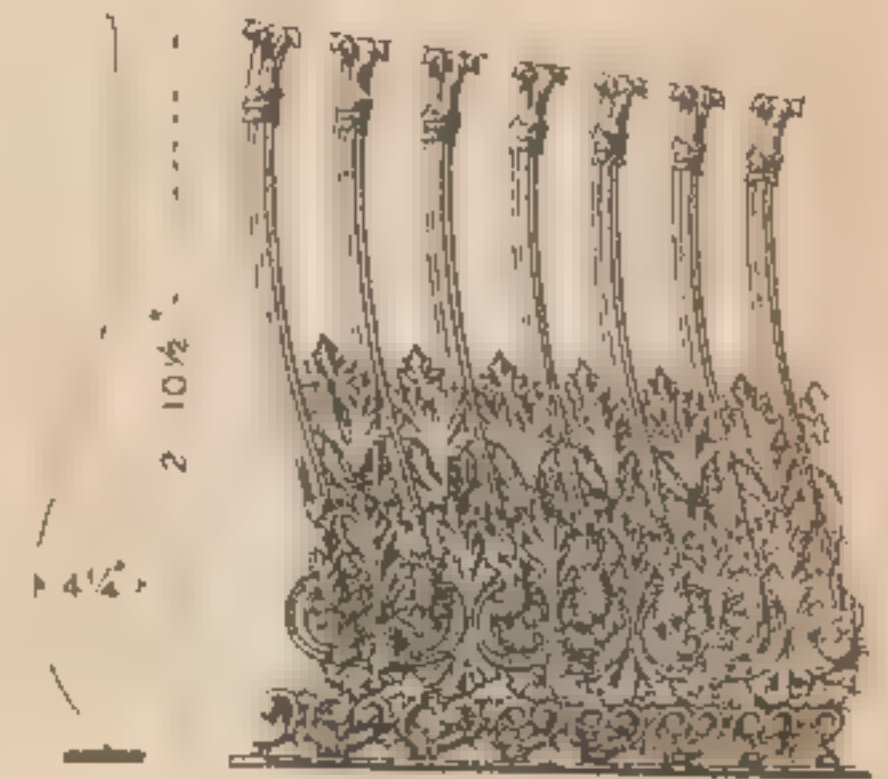
Nº 466



Nº 868—2' 10" BETWEEN CENTRES

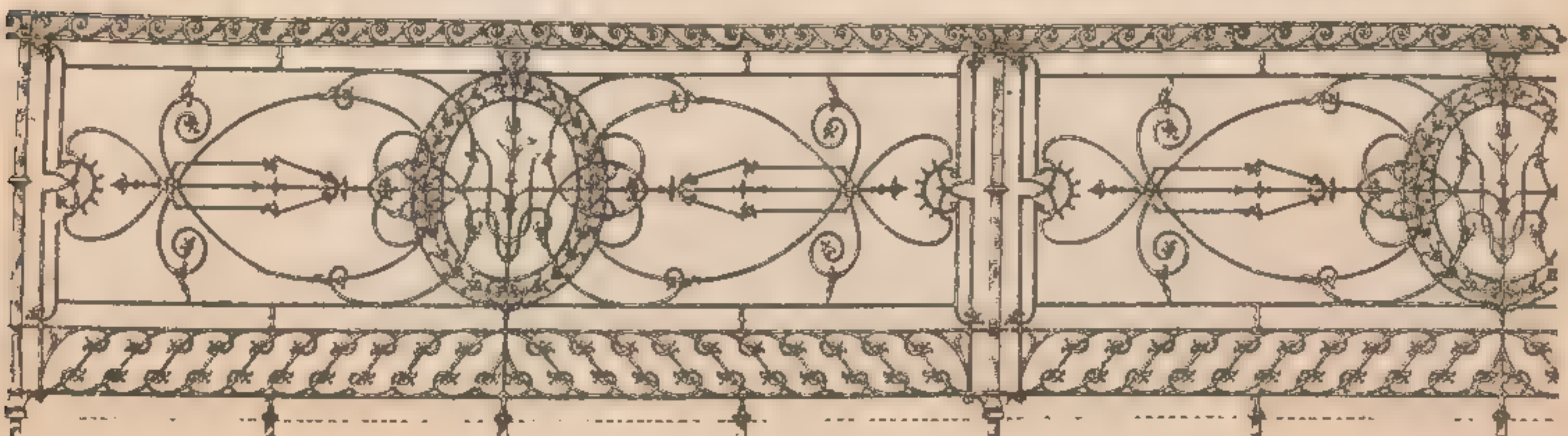


Nº 139



Nº 868—7' 4" BETWEEN CENTRES

Can also be used in combination with pattern shown above, 2' 10" between centres



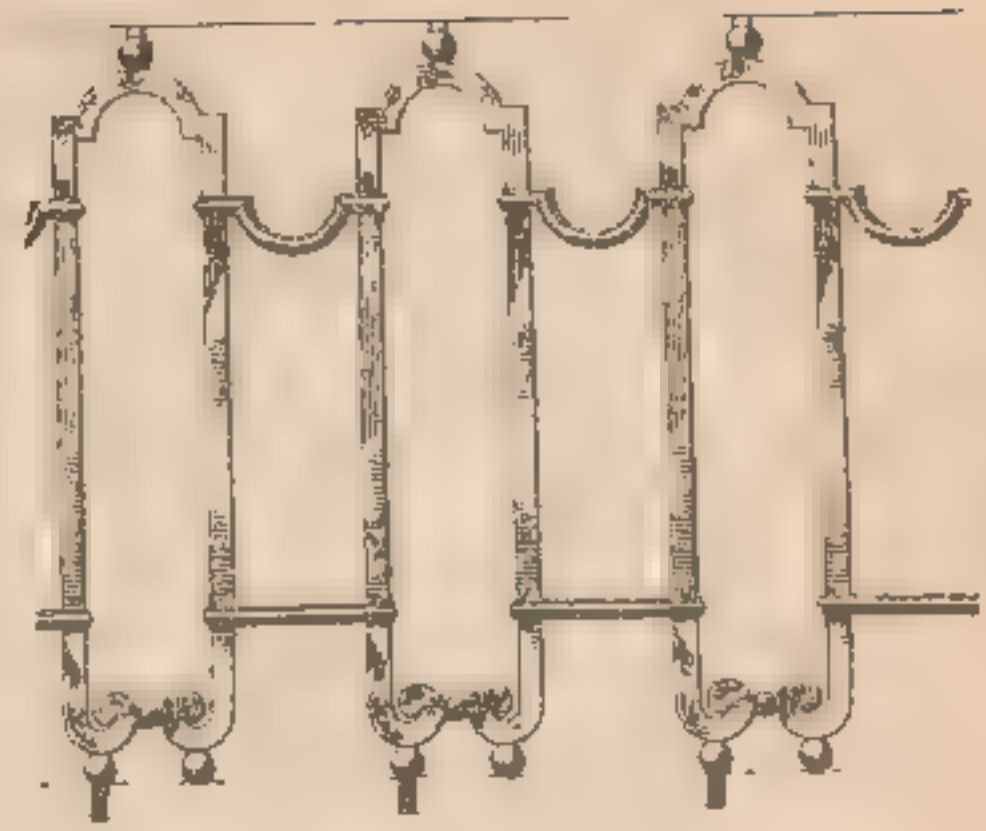
SCALE



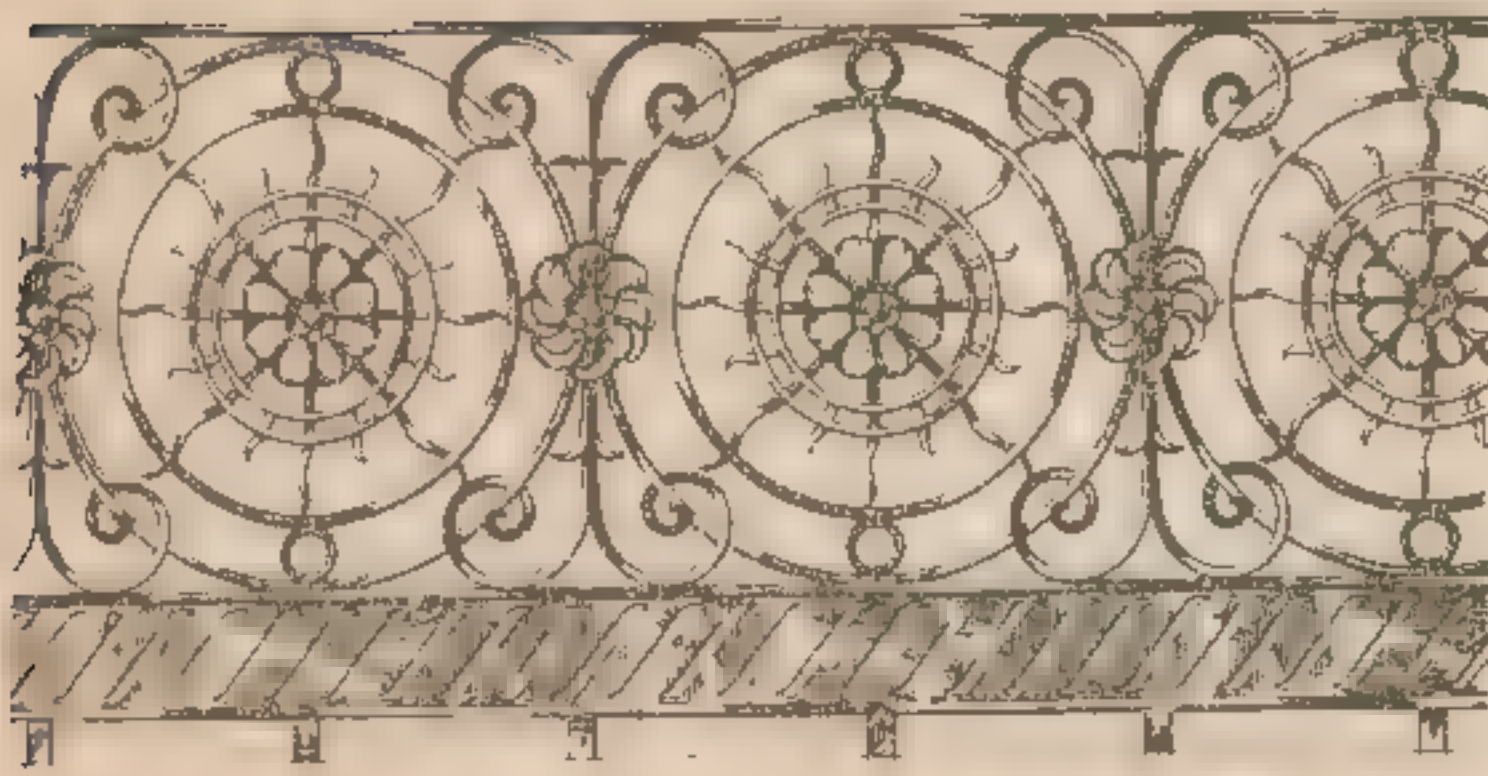
Nº 1017



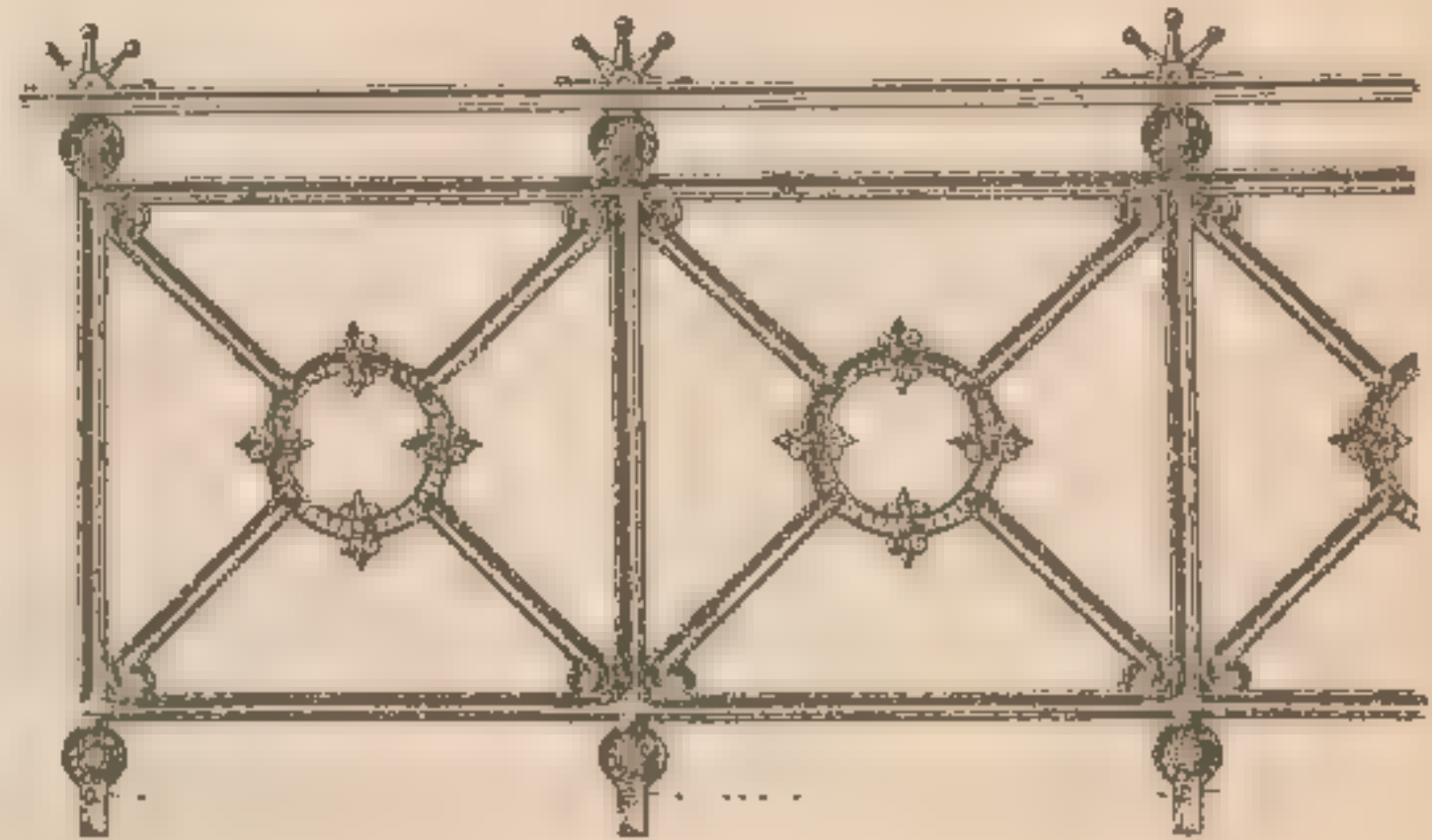
Nº 380



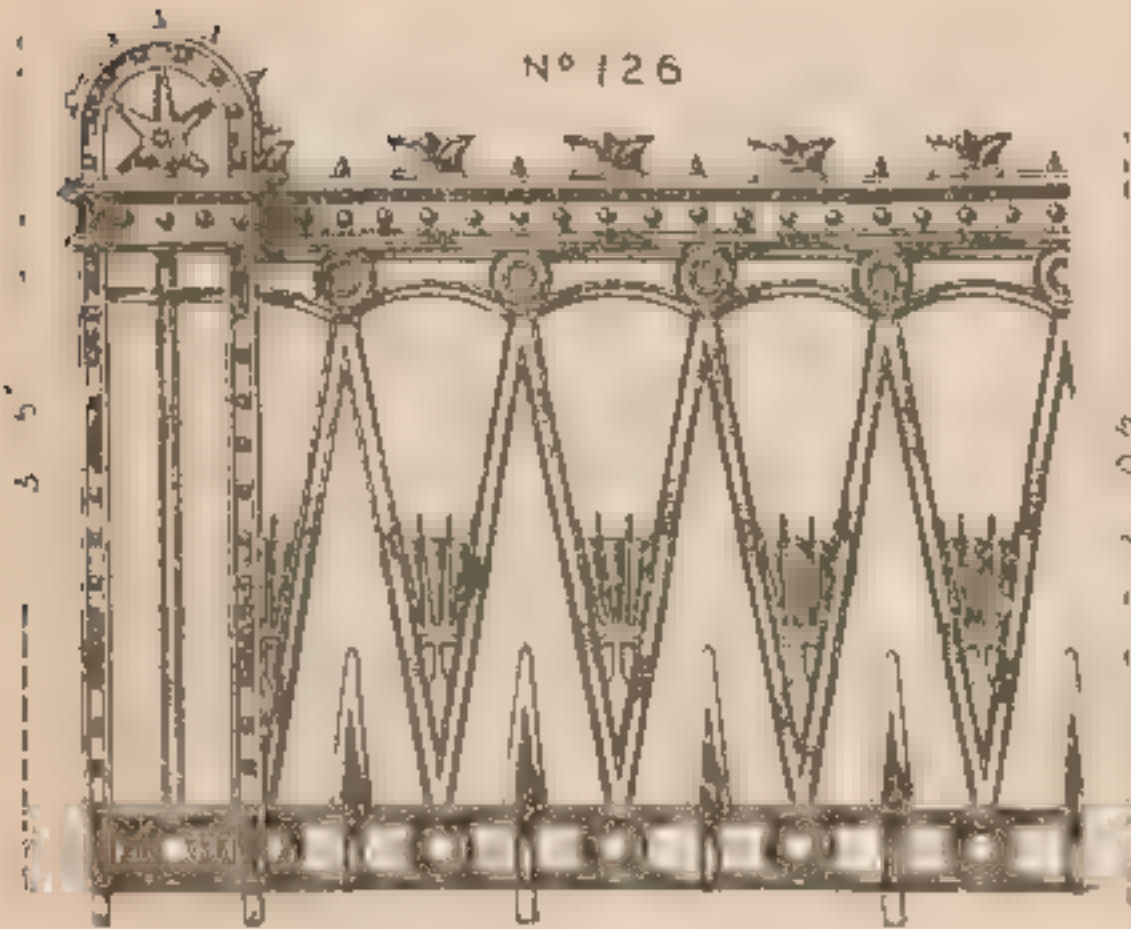
Nº 072



Nº 394



Nº 126



Nº 978

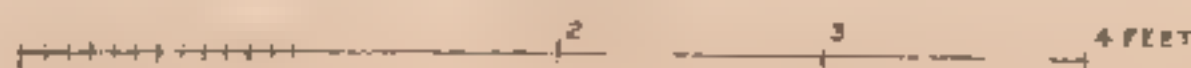


Main Standard proceed separately

Nº 643



SCALE



Nº 471



The rail of No. 471 is Manganese iron tube.

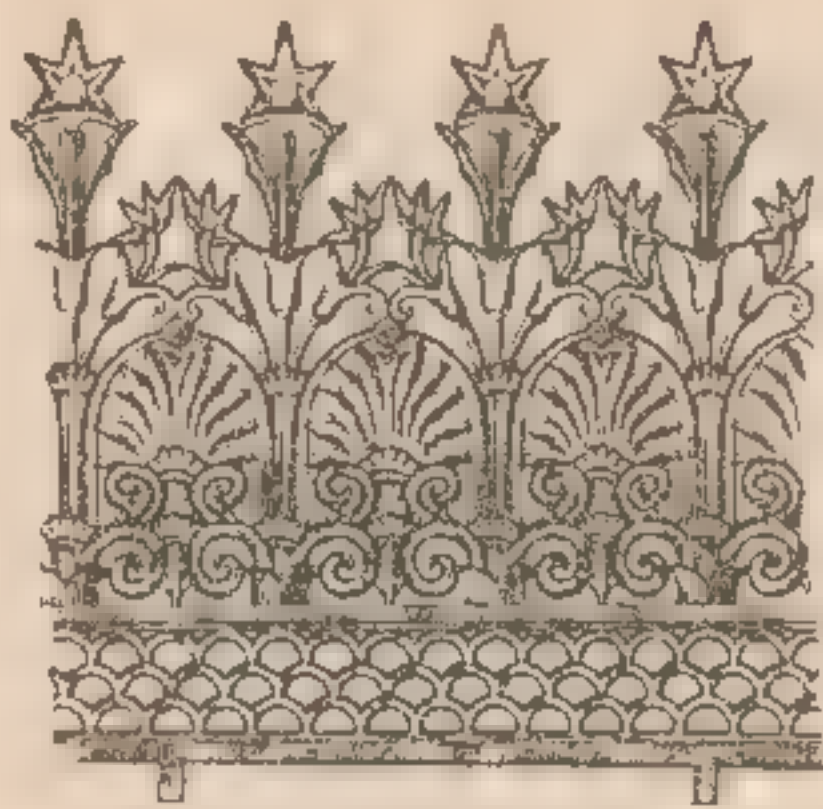
Nº 896



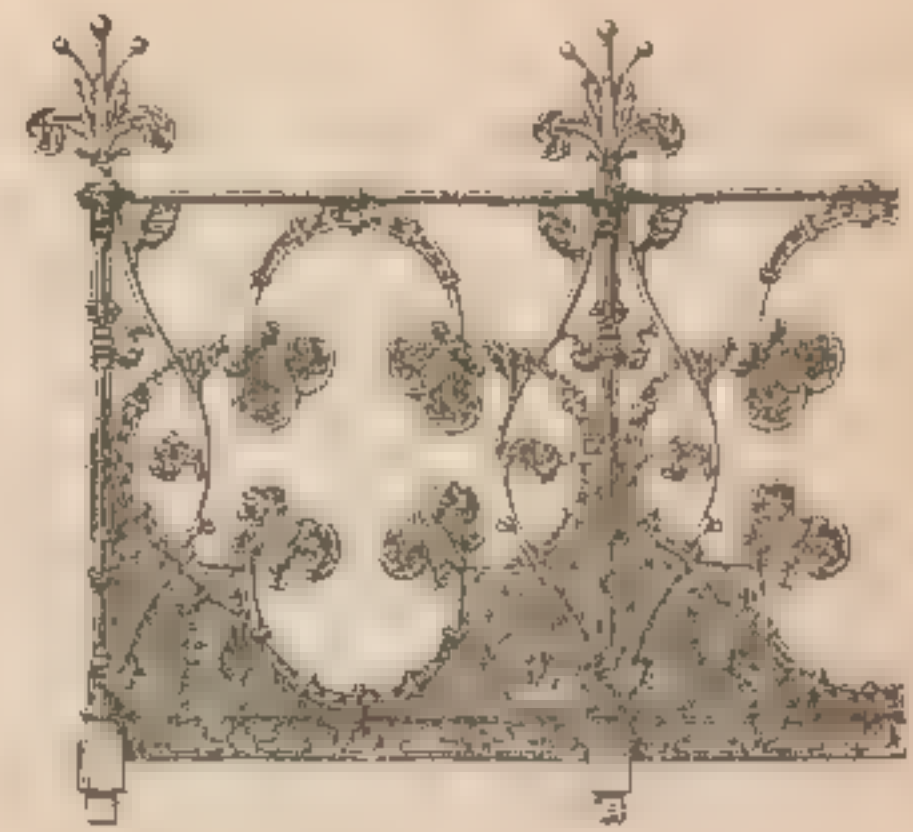
Nº 211



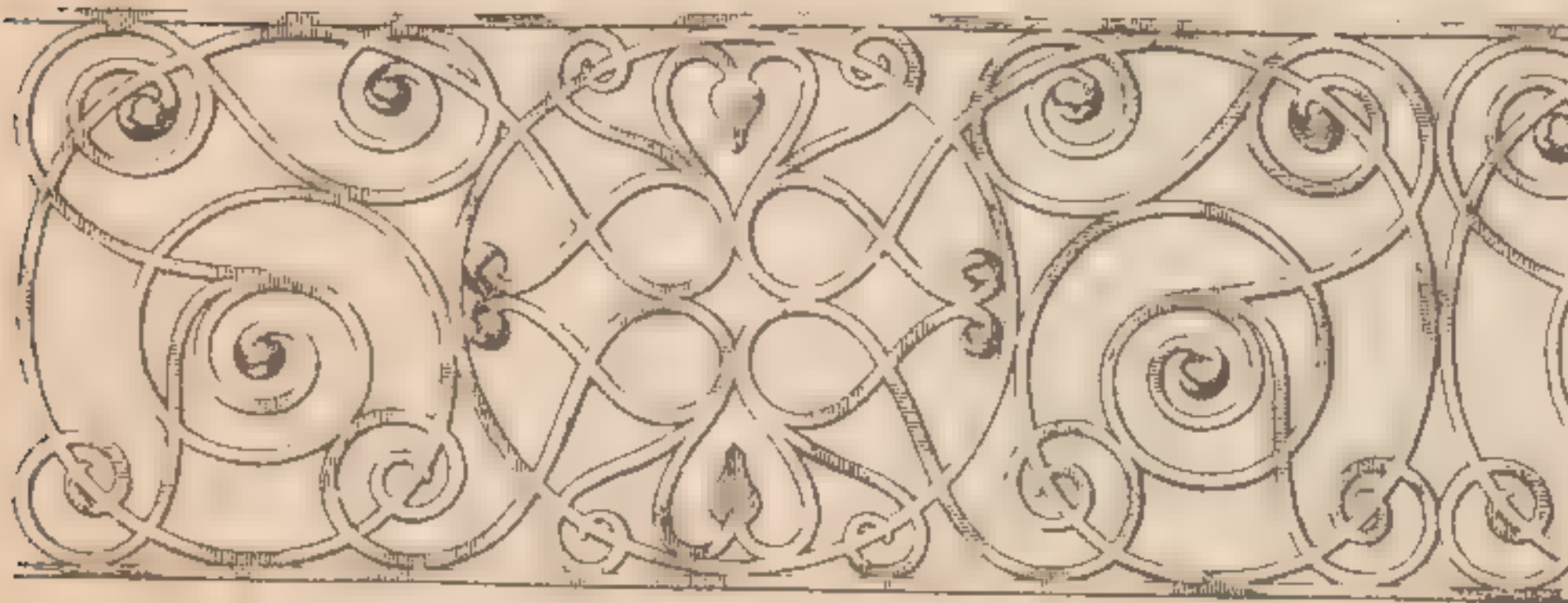
Nº 57



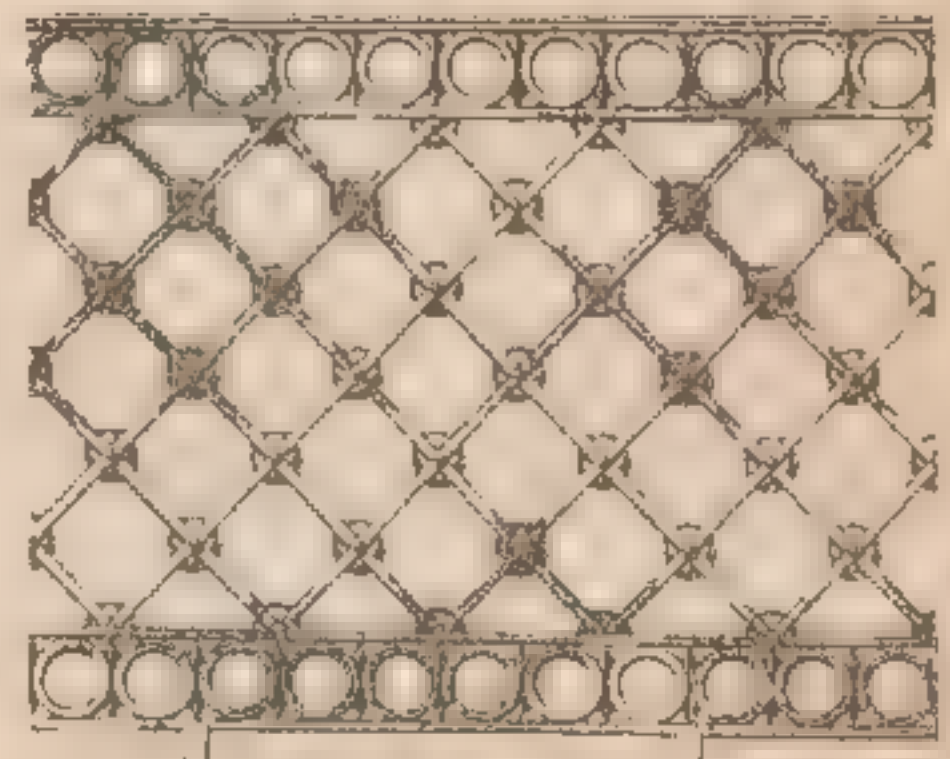
Nº 45



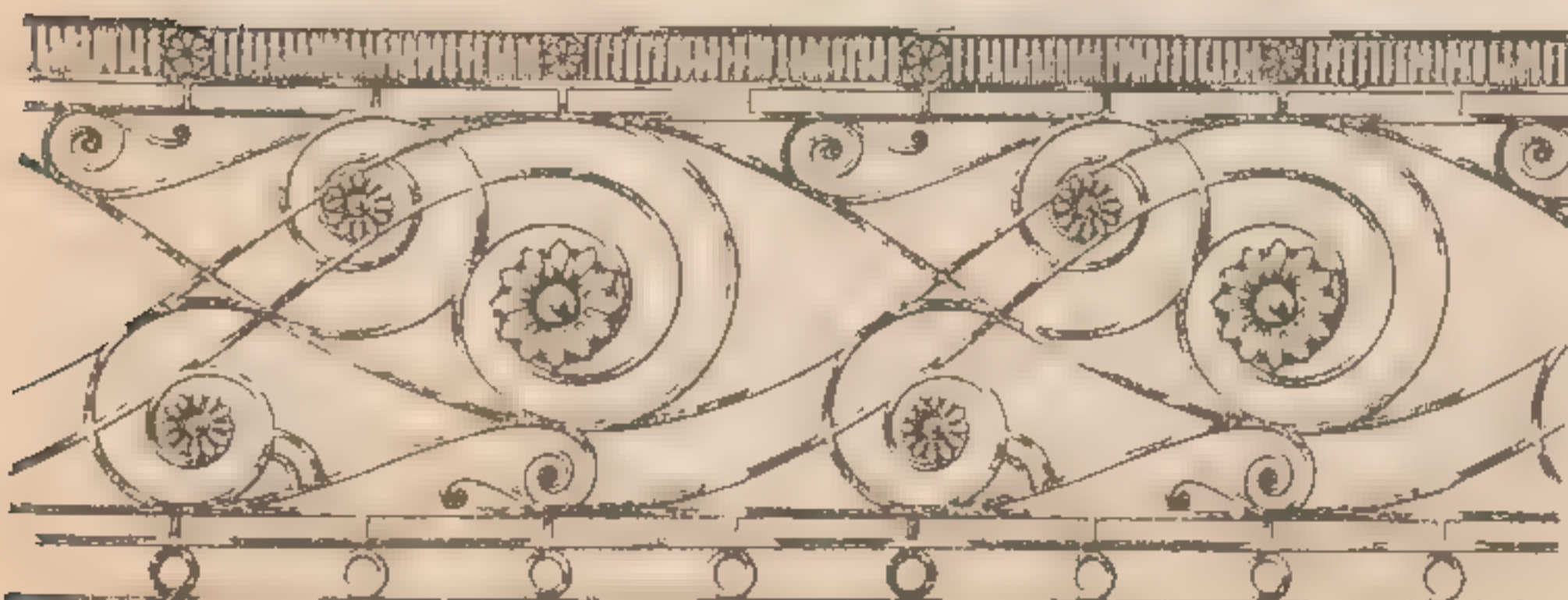
Nº 137



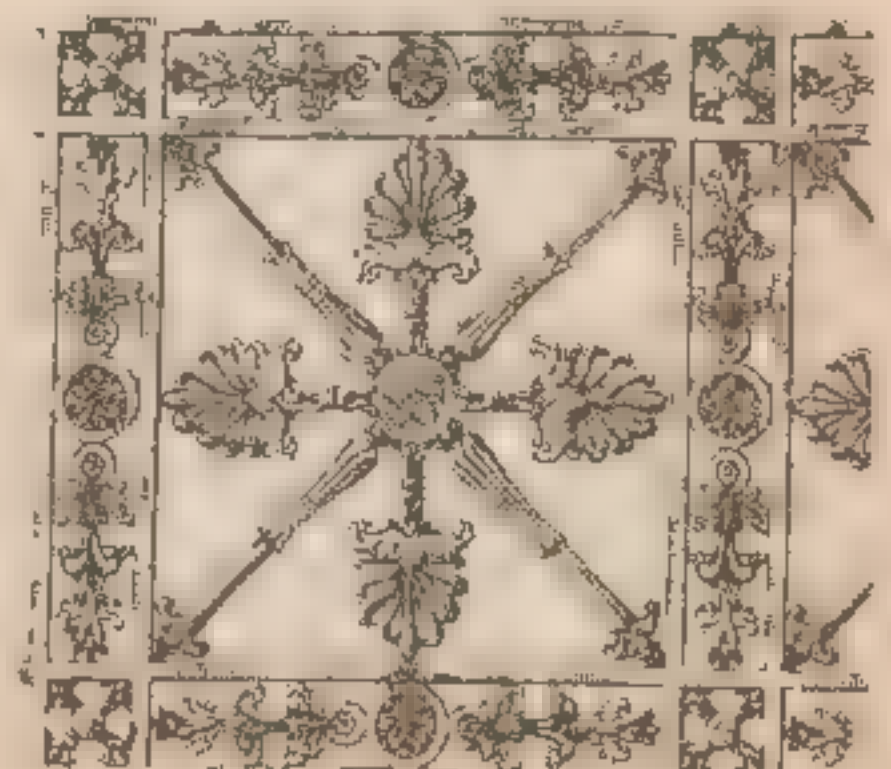
Nº 106



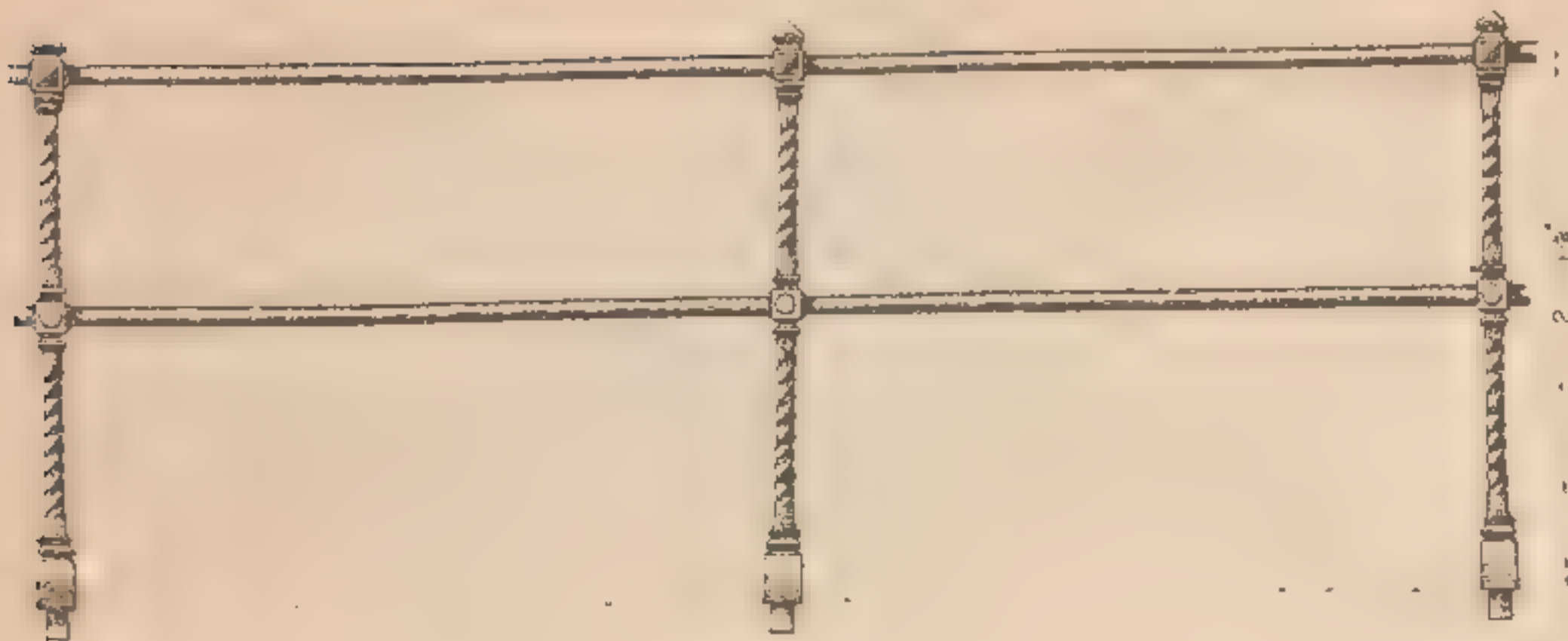
Nº 956



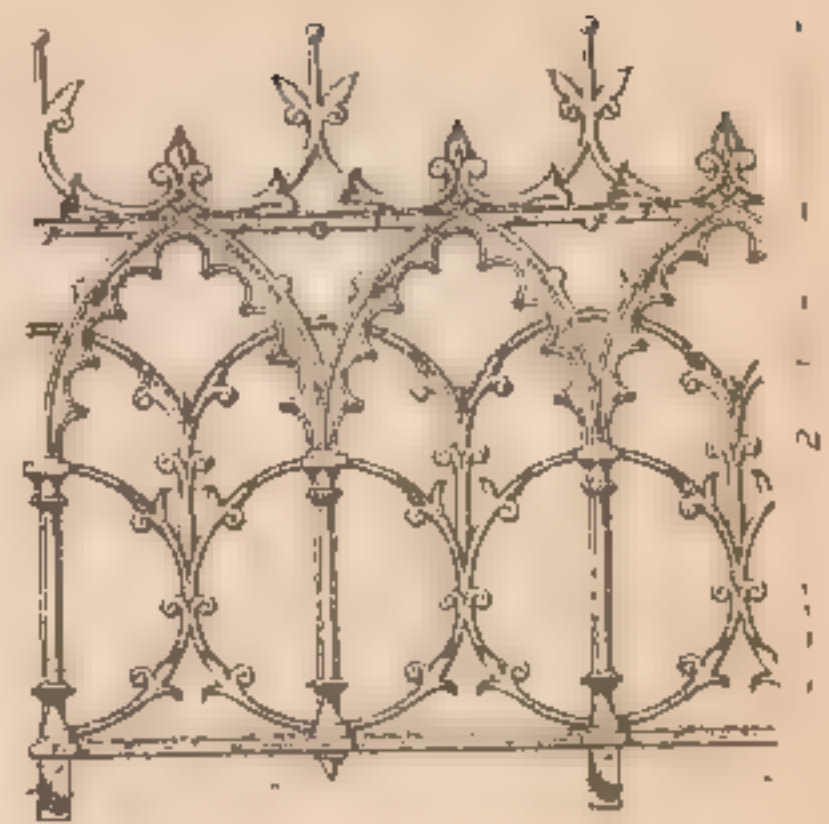
Nº 24



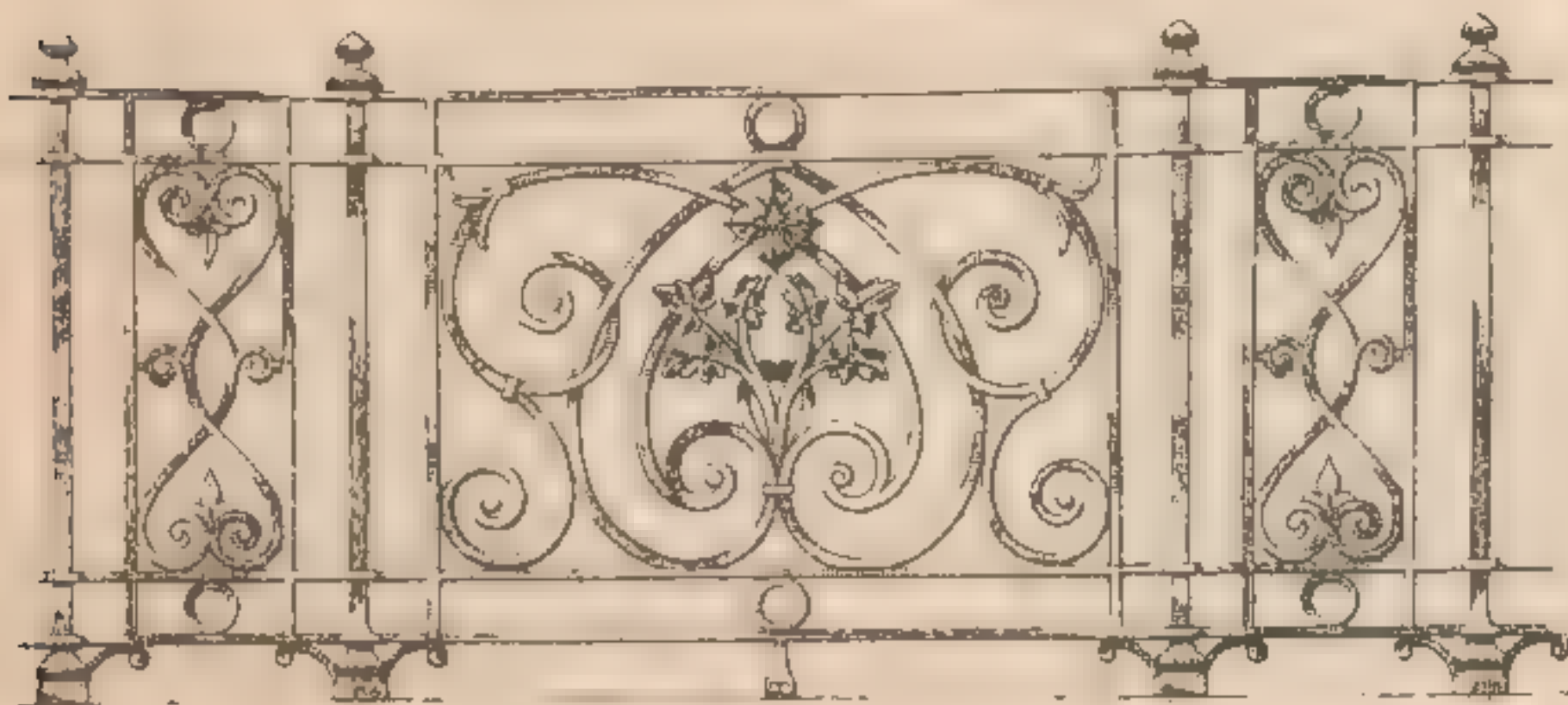
Nº 434



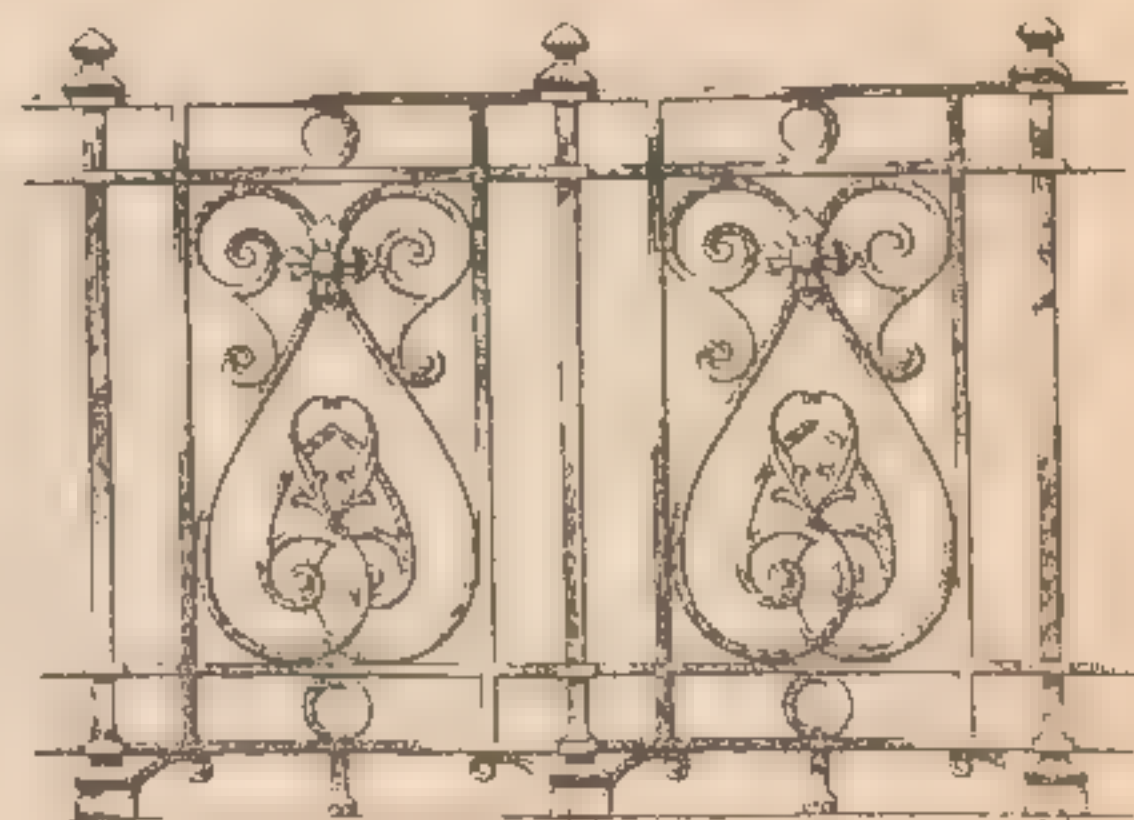
Nº 52



Nº 20 4' 3 7" BETWEEN CENTRES



Nº 201 1' 9" BETWEEN CENTRES

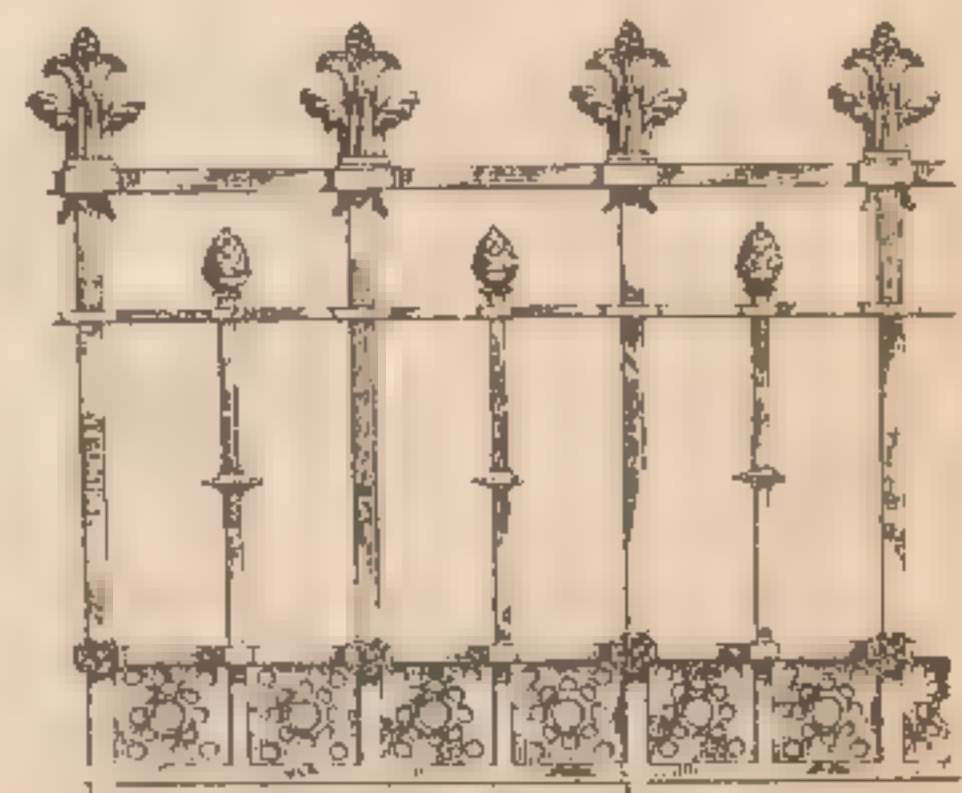


Nº 201 6 5" BETWEEN CENTRES

Also 4' 7 1/2" and 5' 0 1/2" between centres which can be used separately or together in various combinations as illustrated above



Nº 1122



Nº 23



Nº 1036



Nº 972



SCALE



MACFARLANE'S CASTINGS — RAILING

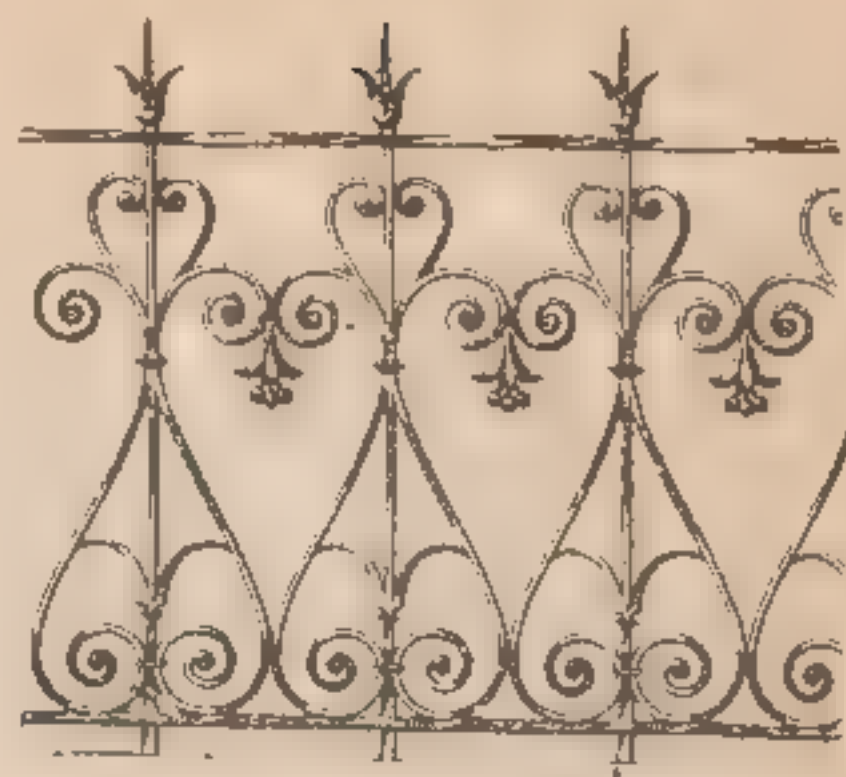
Nº 41



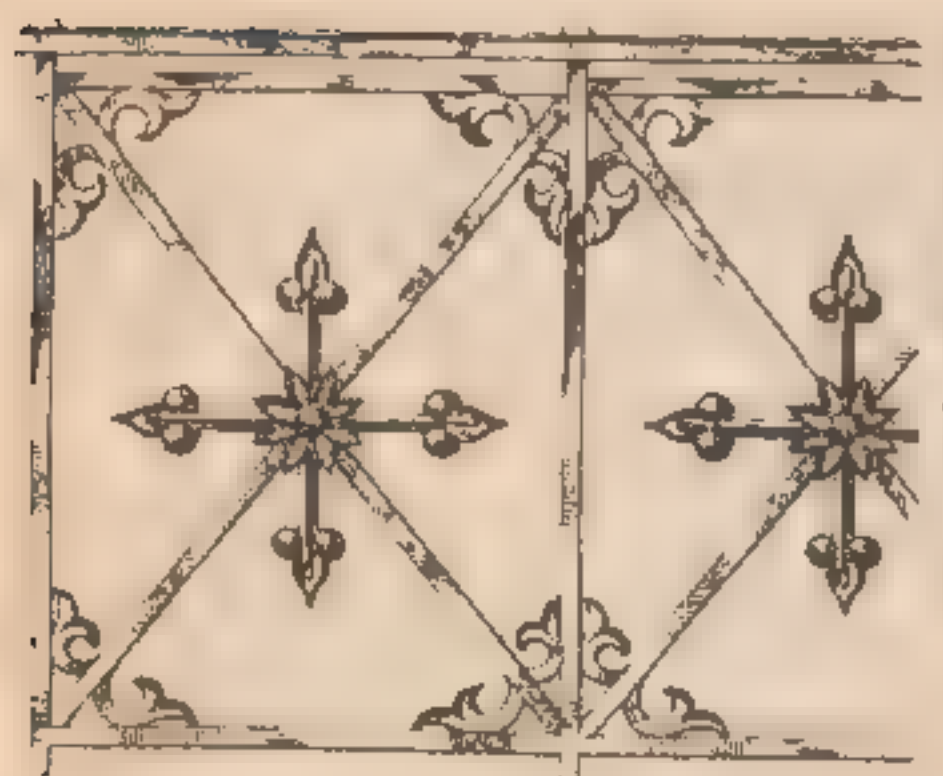
Nº 80



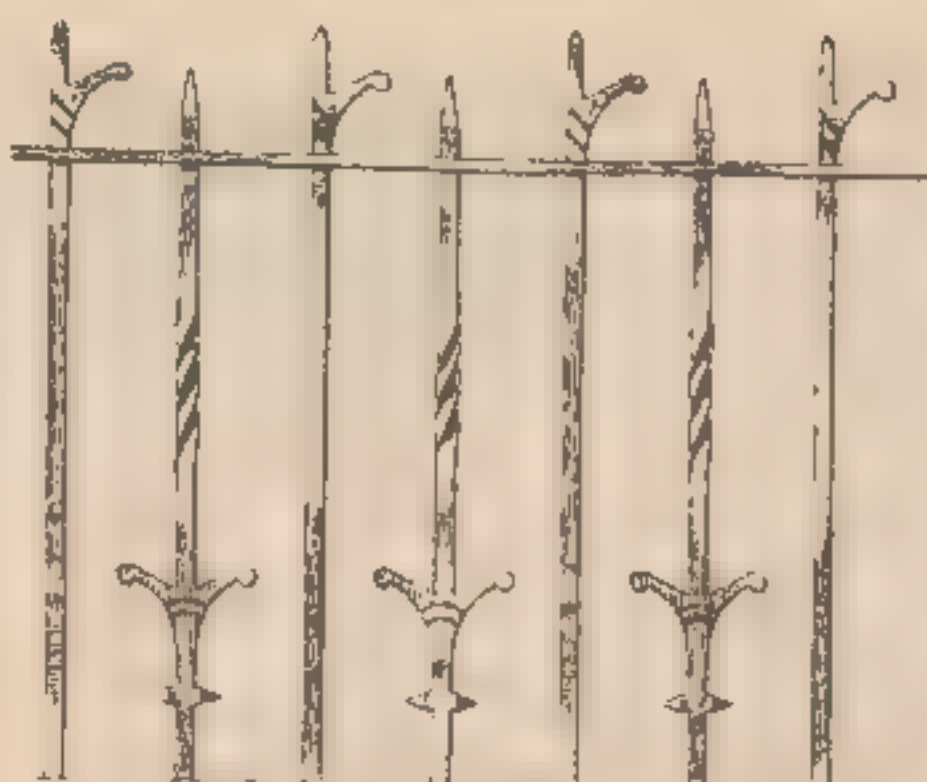
Nº 213



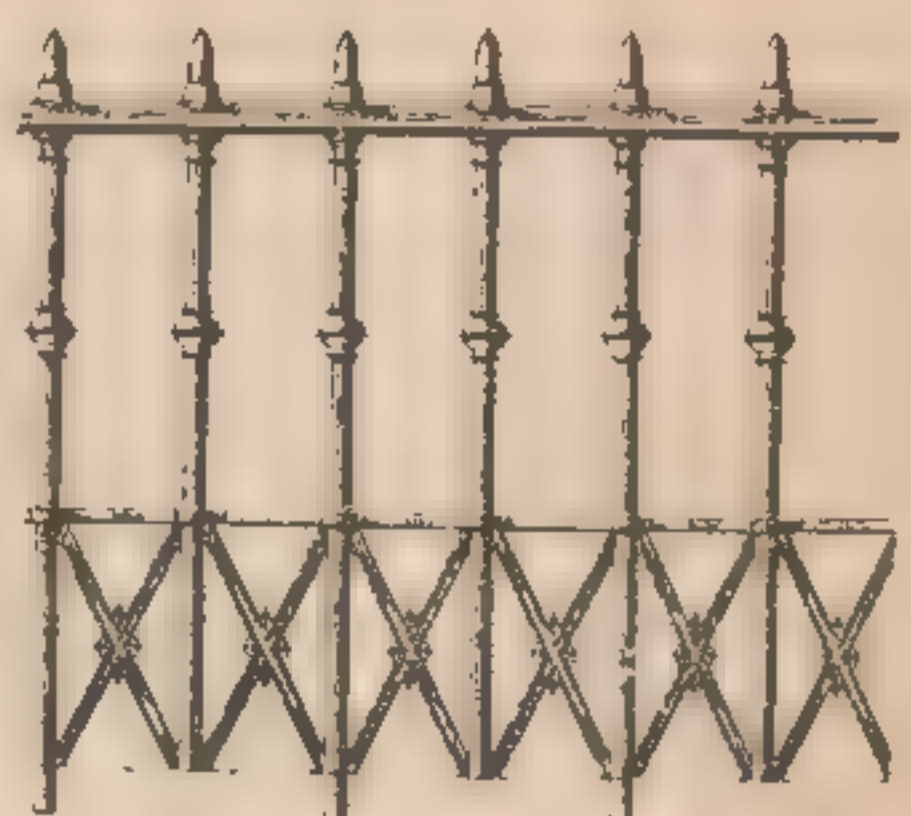
Nº 209



Nº 1141



Nº 390



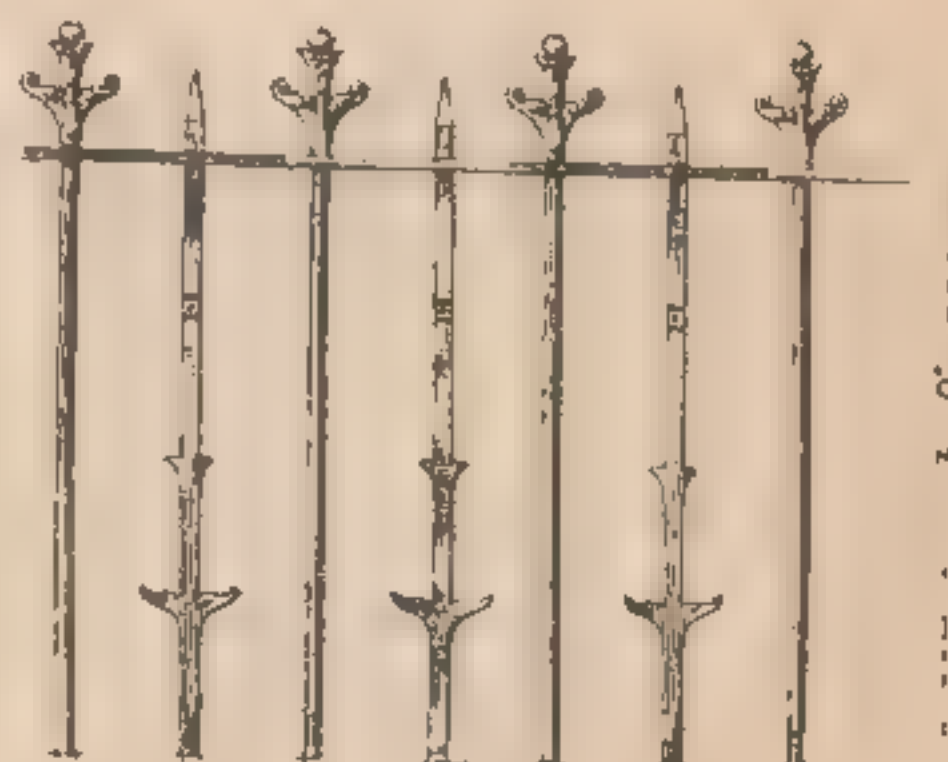
Nº 1.42



Nº 1.43



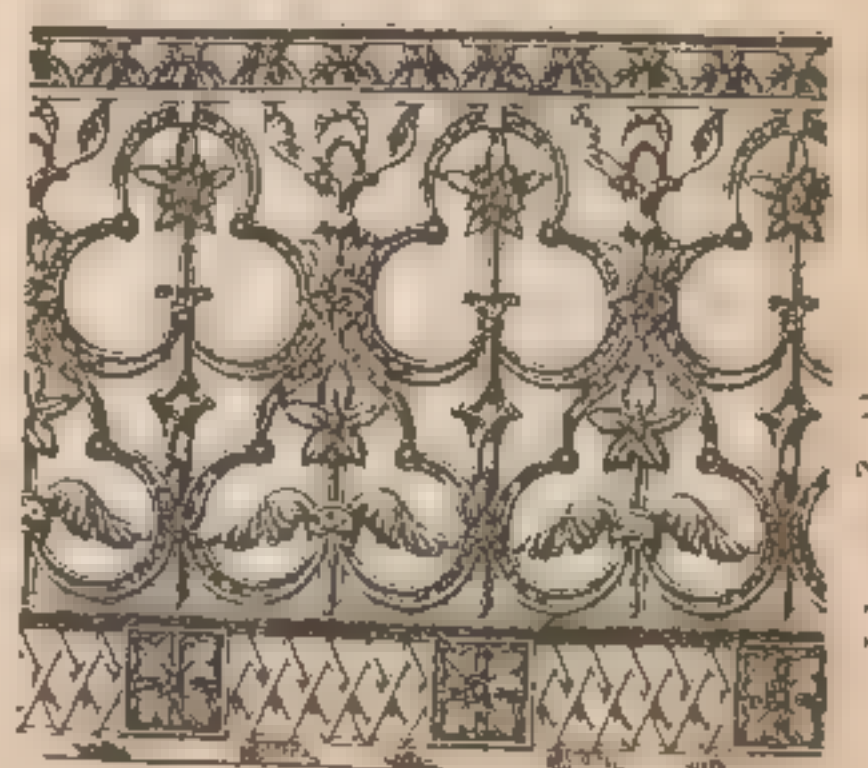
Nº 1144



Nº 155



Nº 117

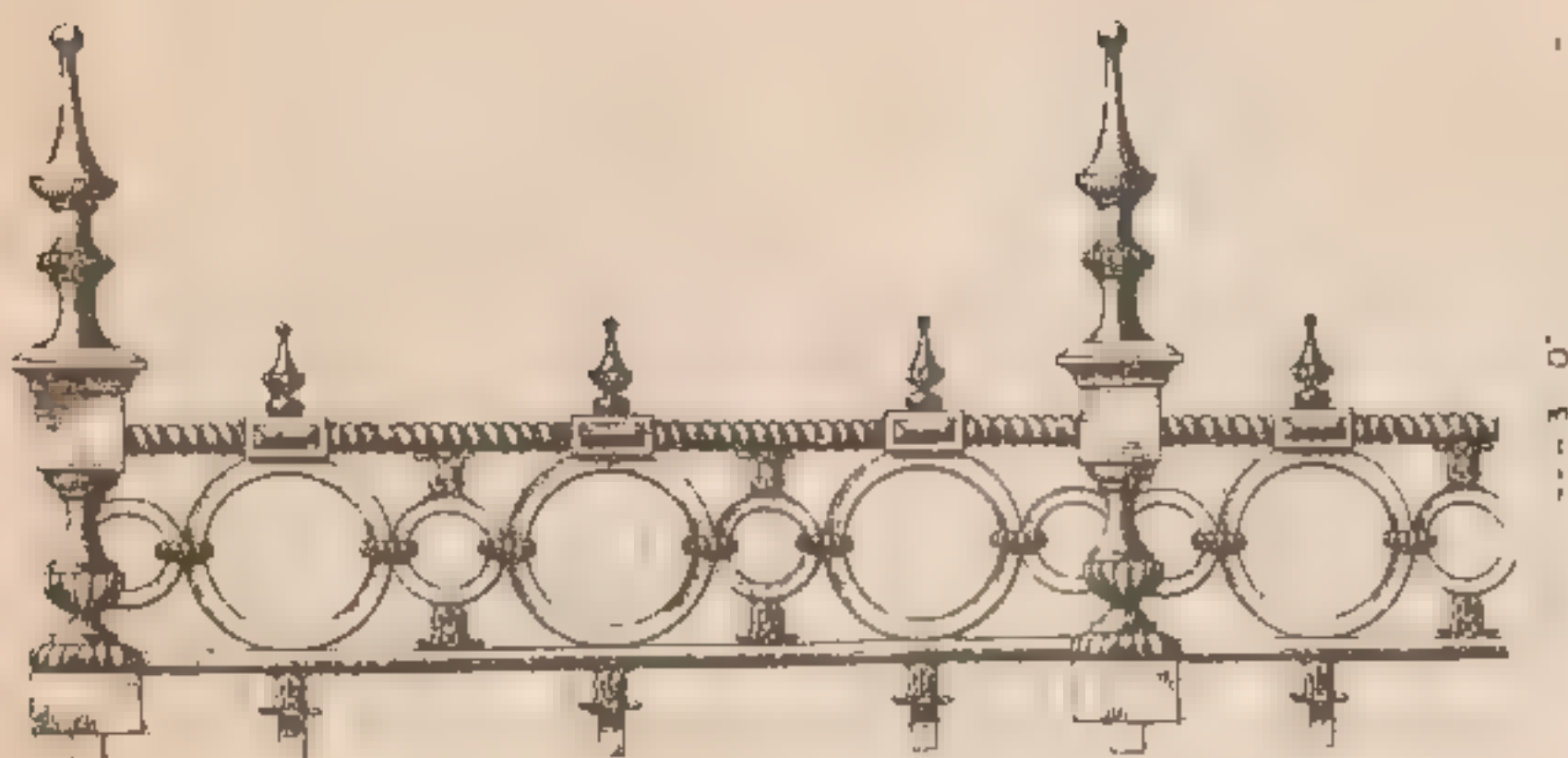


SCALE

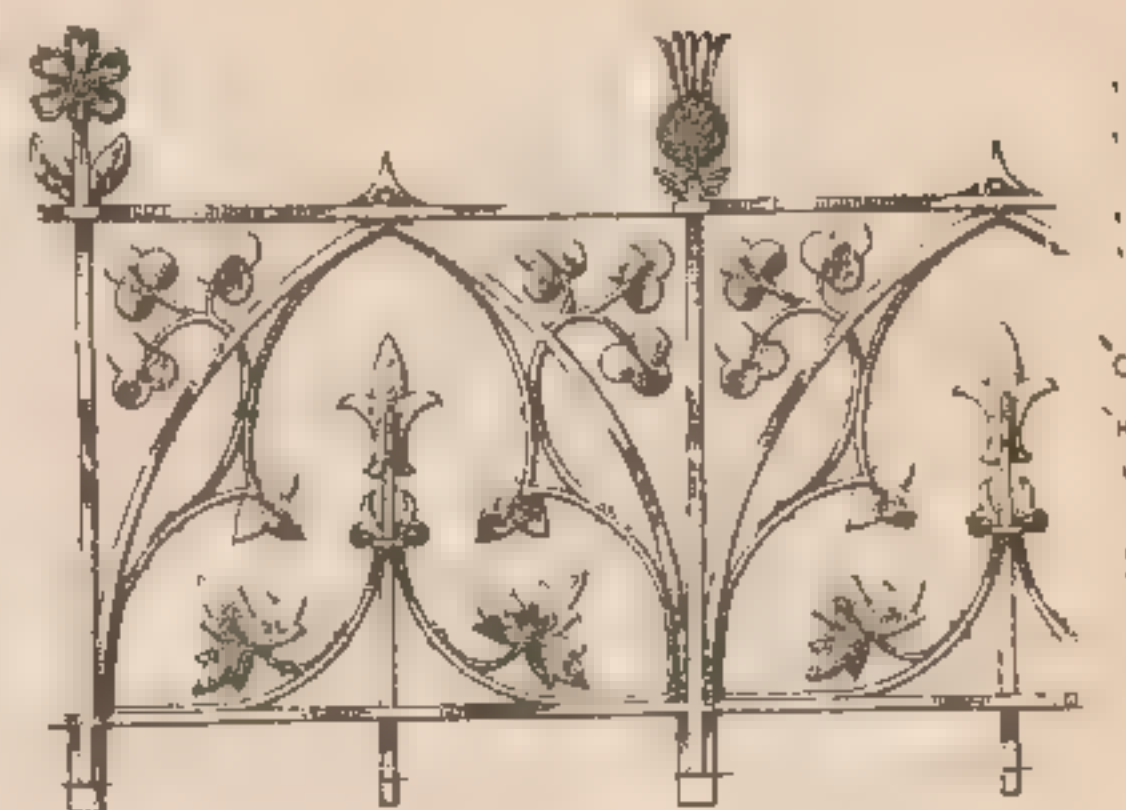


MACFARLANE'S CASTINGS — RAILING

Nº 166



Nº 190



Nº 1017



Nº 969



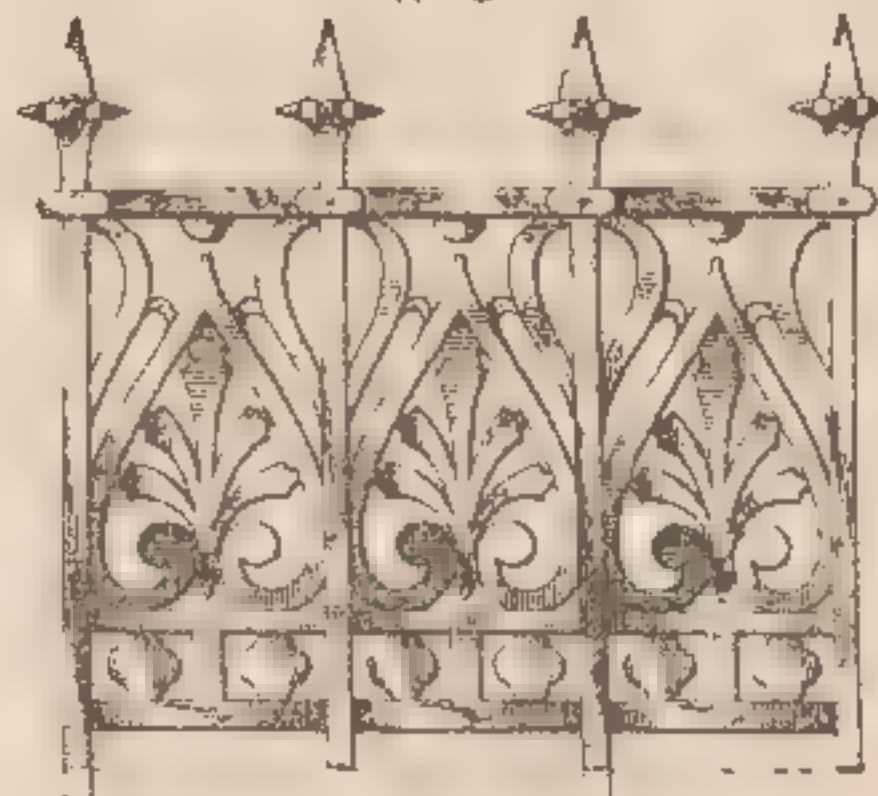
Nº 660



Nº 76



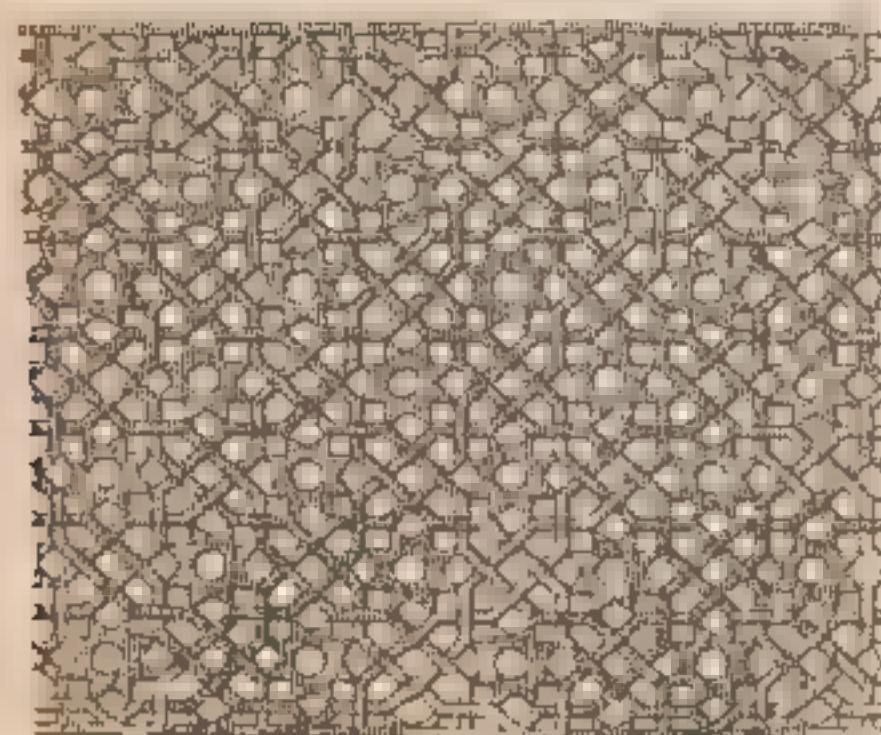
Nº 84



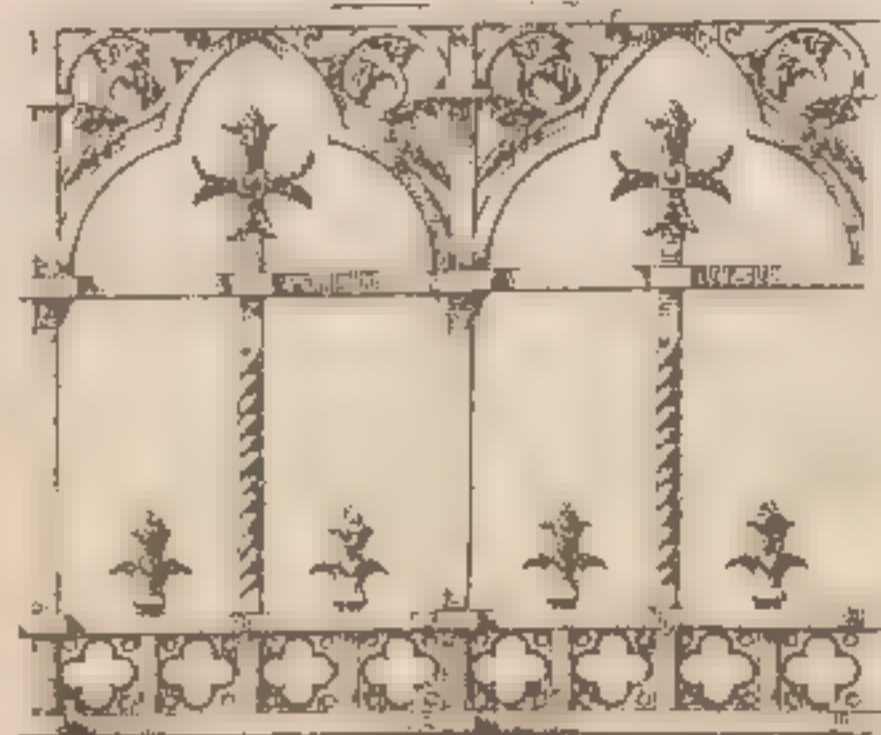
Nº 65



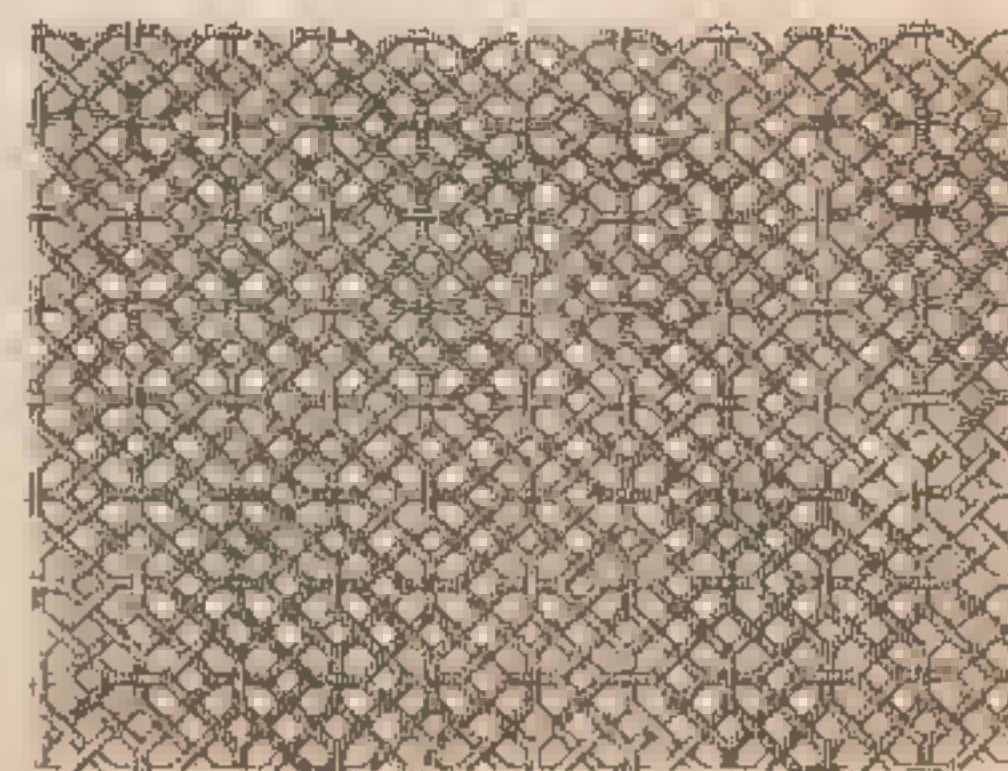
Nº 1117



Nº 457



Nº 1118

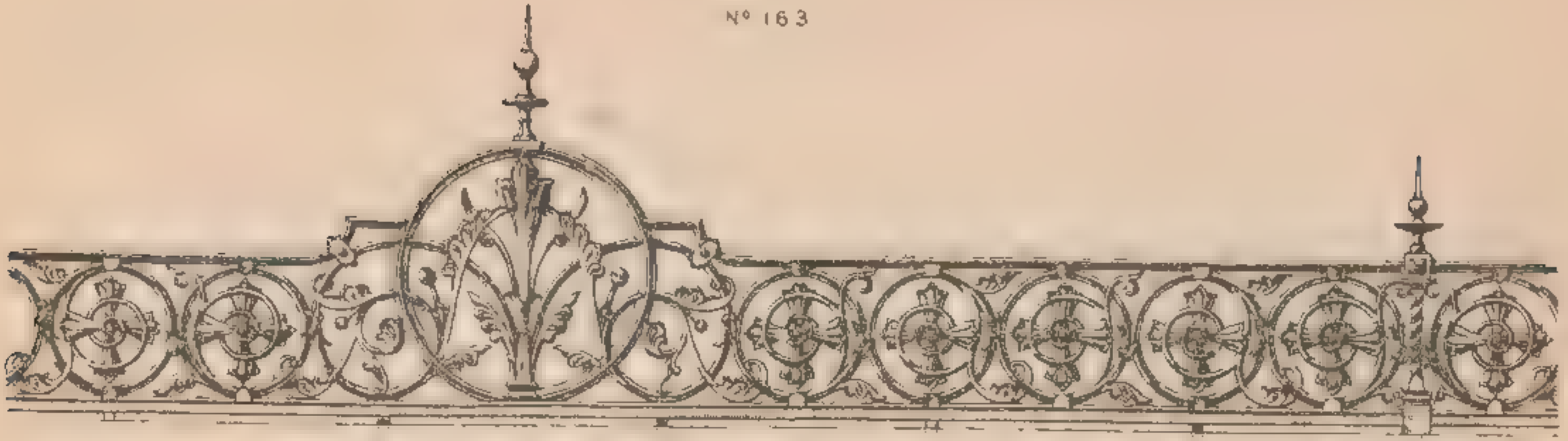


Any size to order

SCALE

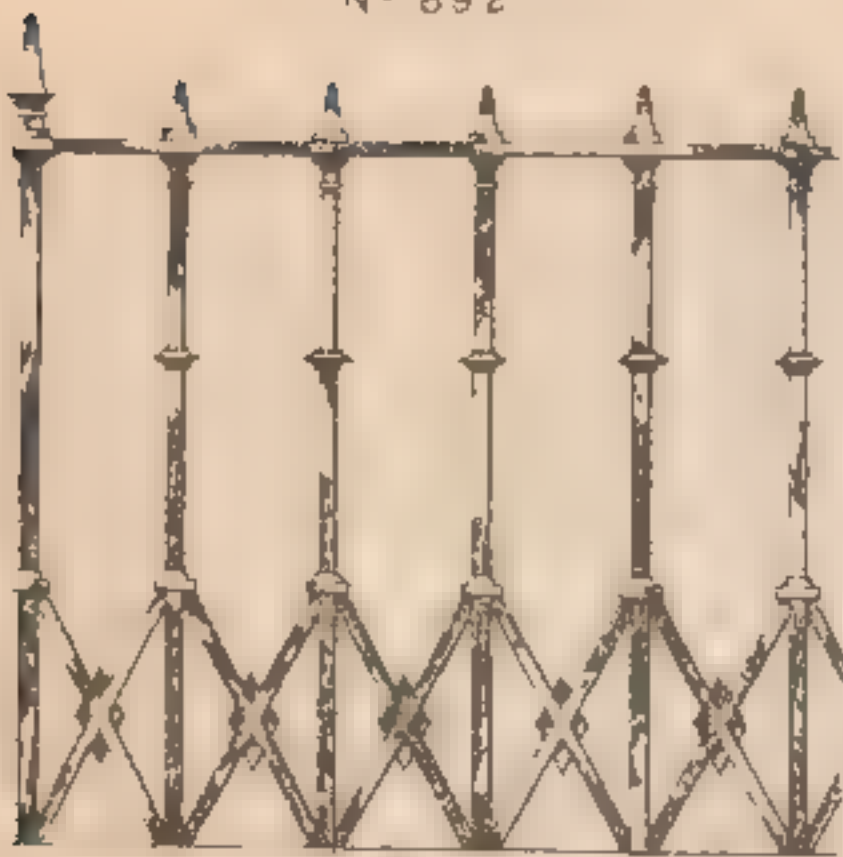
1" = 1' 0" FEET

Nº 163



Centre feature repeats every 11' 6". Other distances to order. See also page 187.

Nº 892



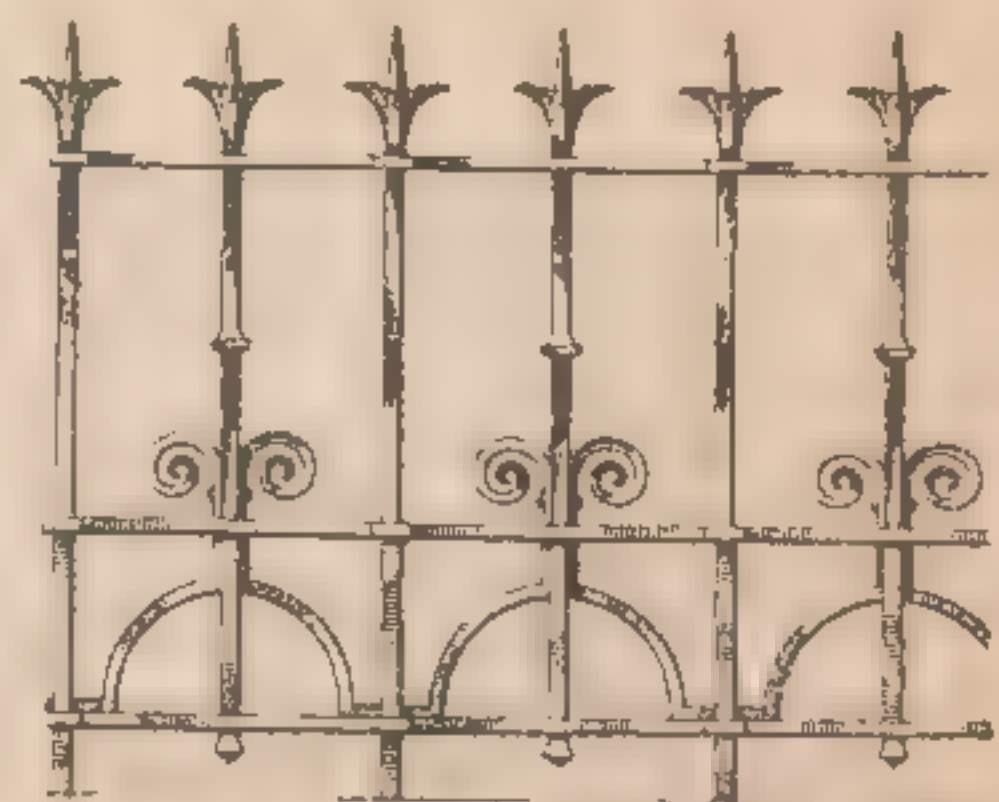
Main Standard priced separately

Nº 809



Main Standard priced separately

Nº 1139



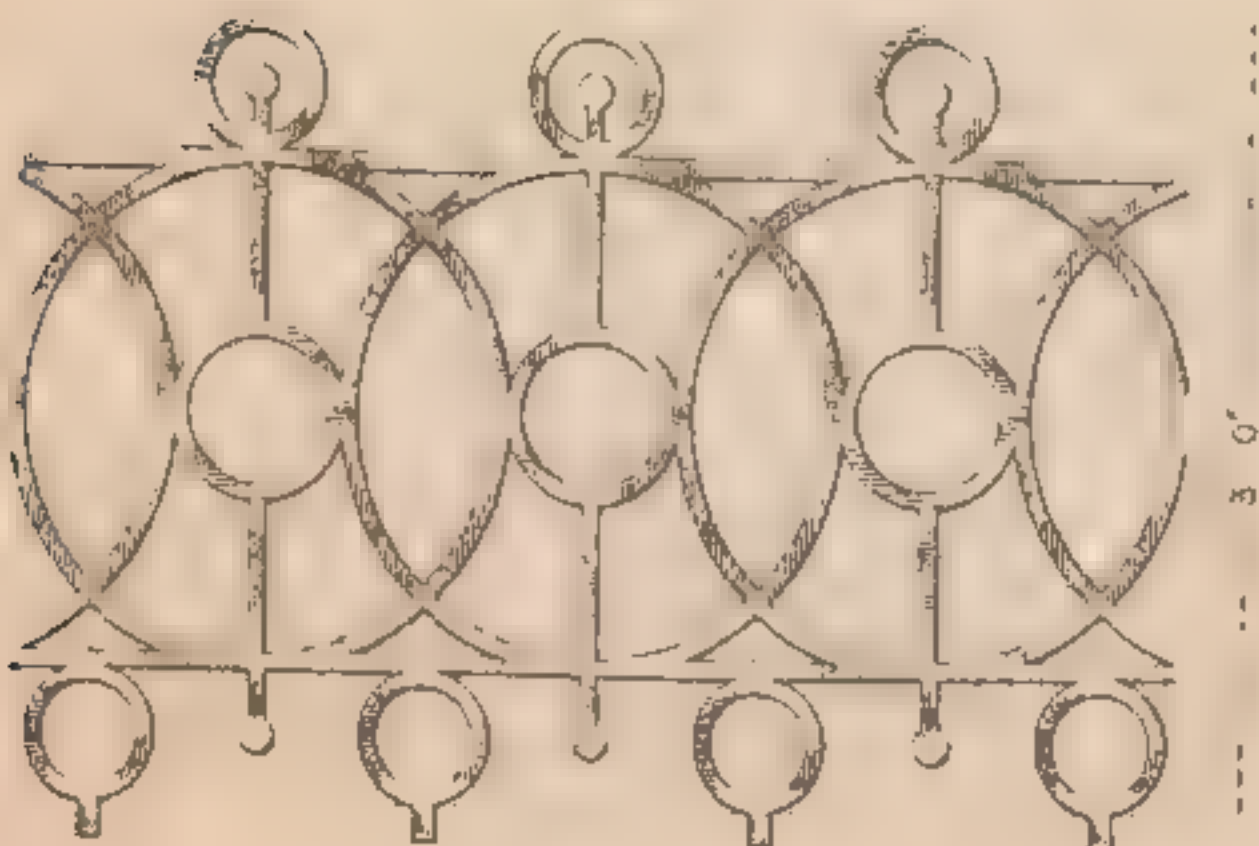
Nº 107



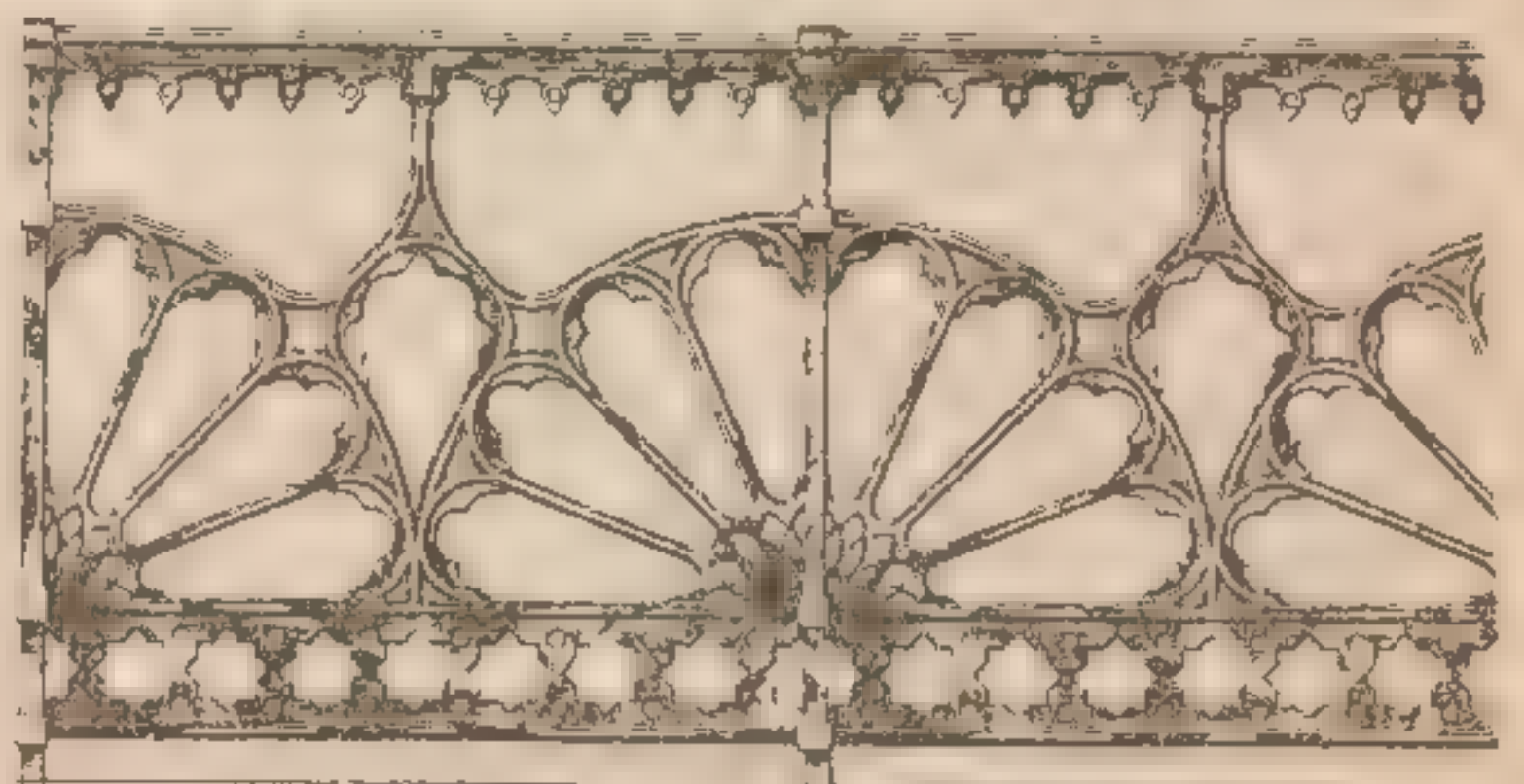
Nº 1126



Nº 405



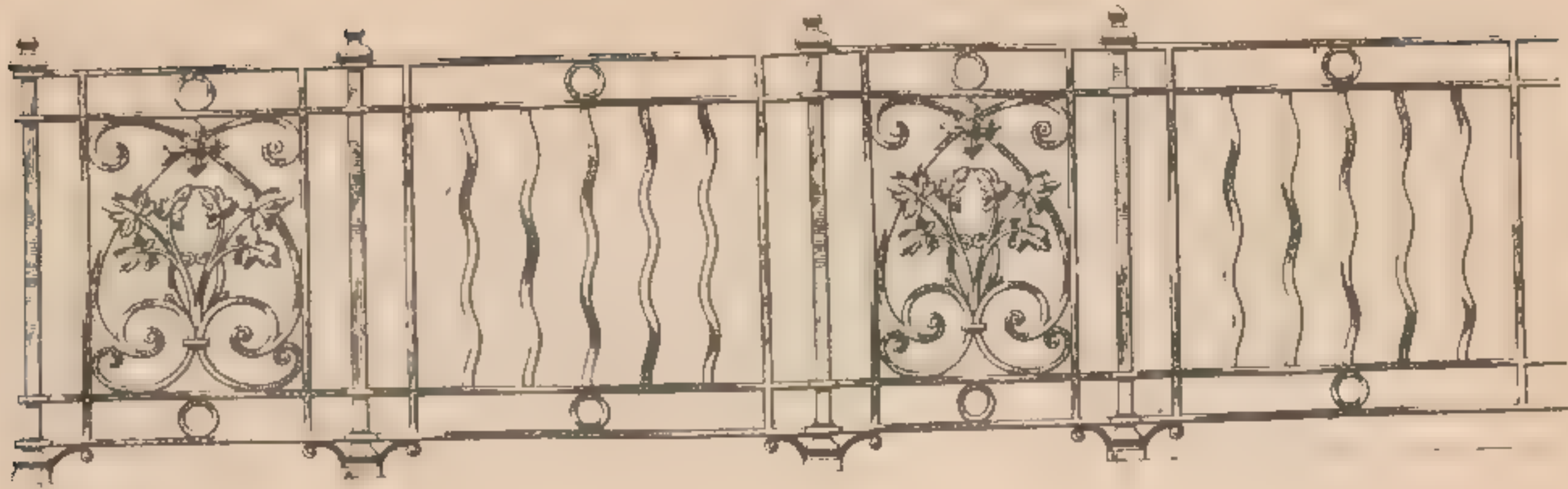
Nº 1006



SCALE

1" = 2' 3" 4 FEET

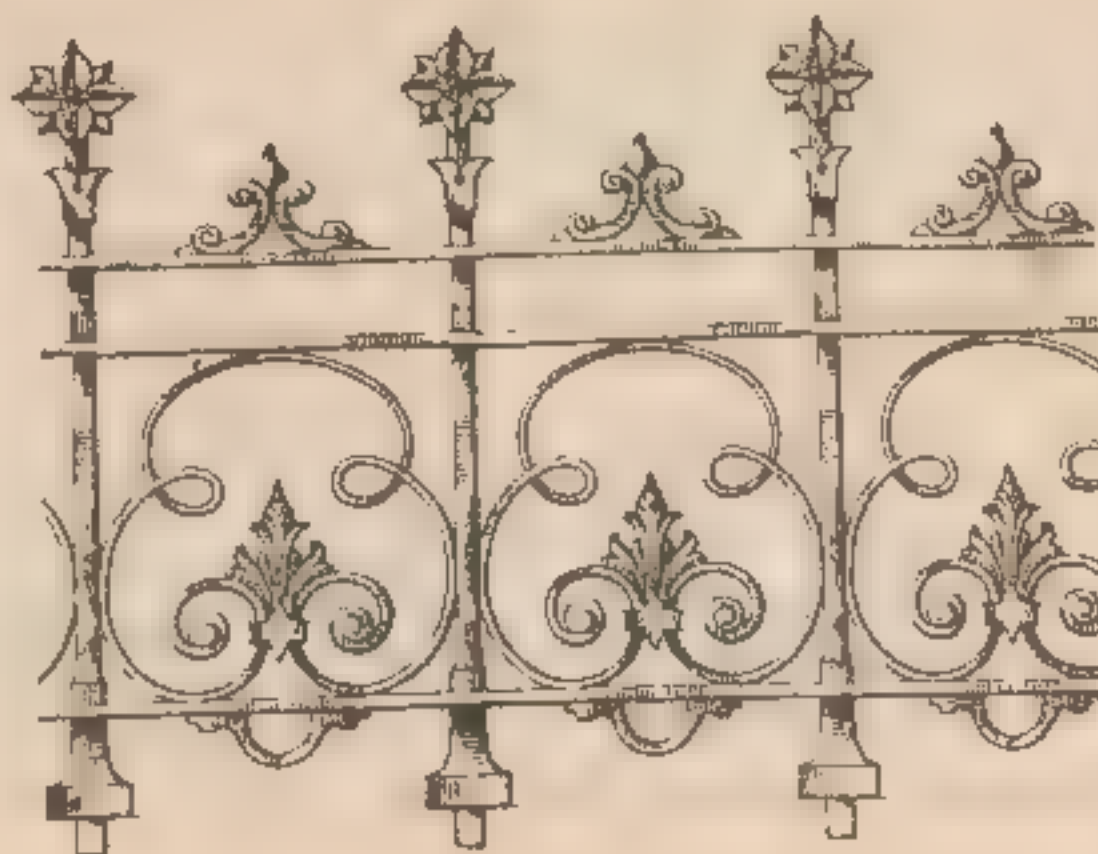
Nº 1096



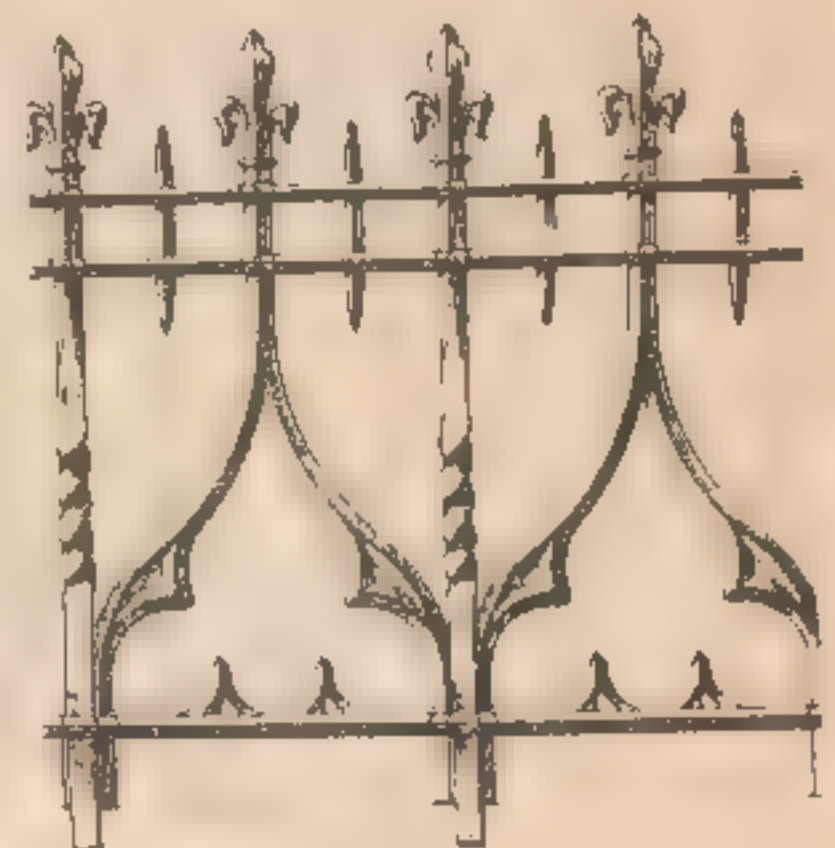
Nº 28



Nº 440



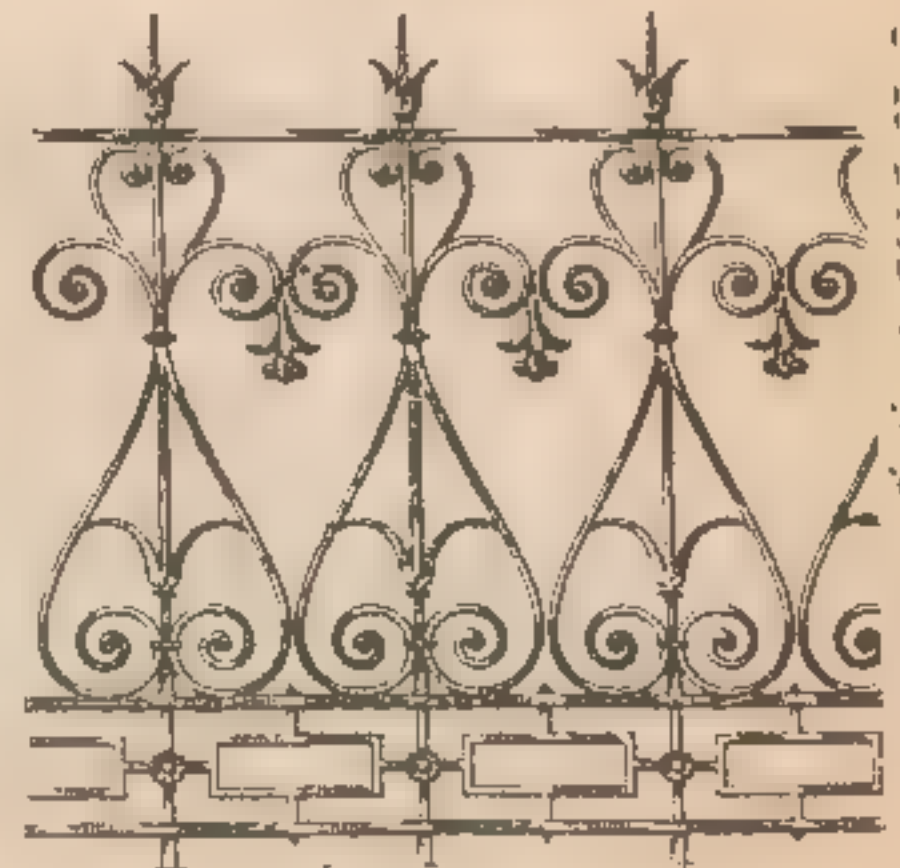
Nº 277



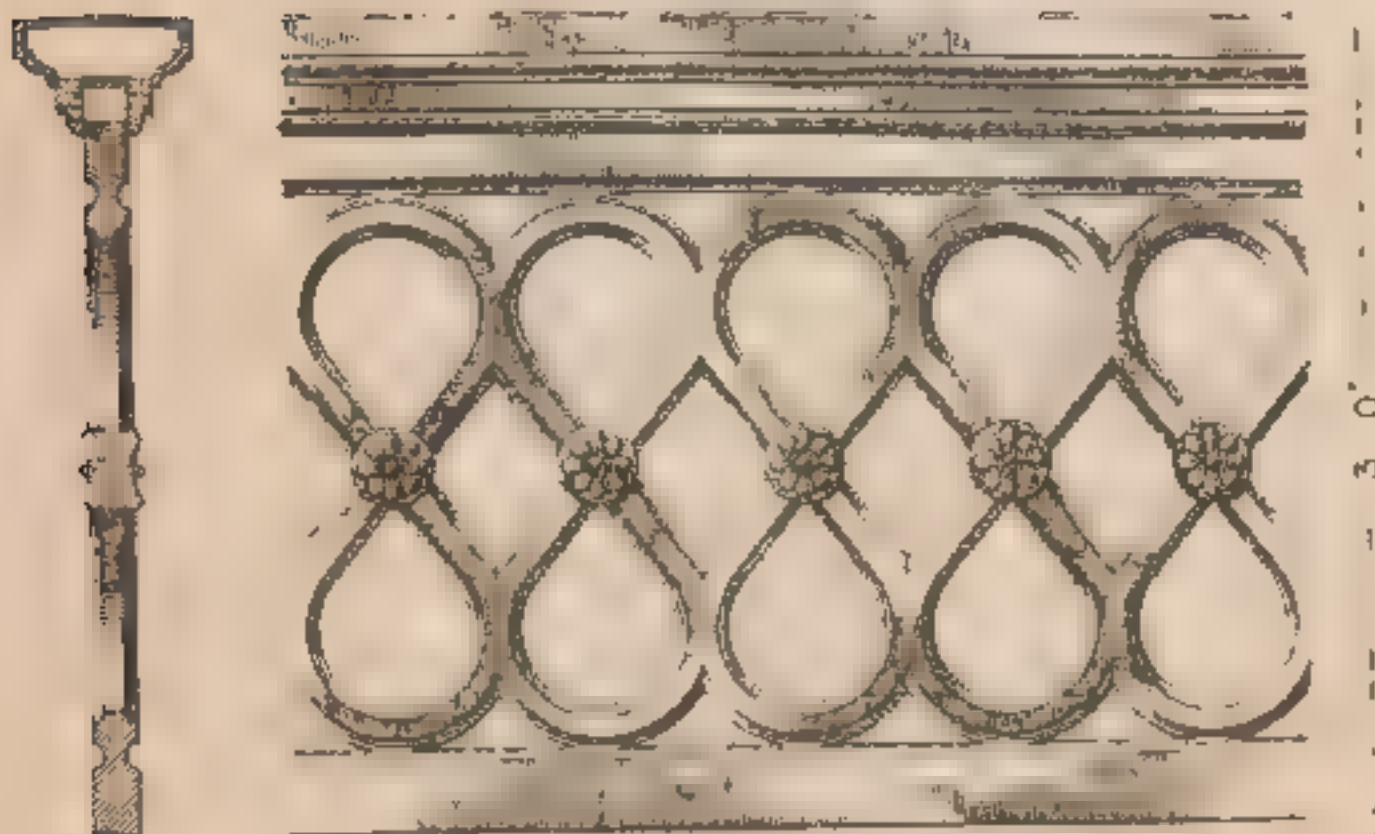
Nº 907



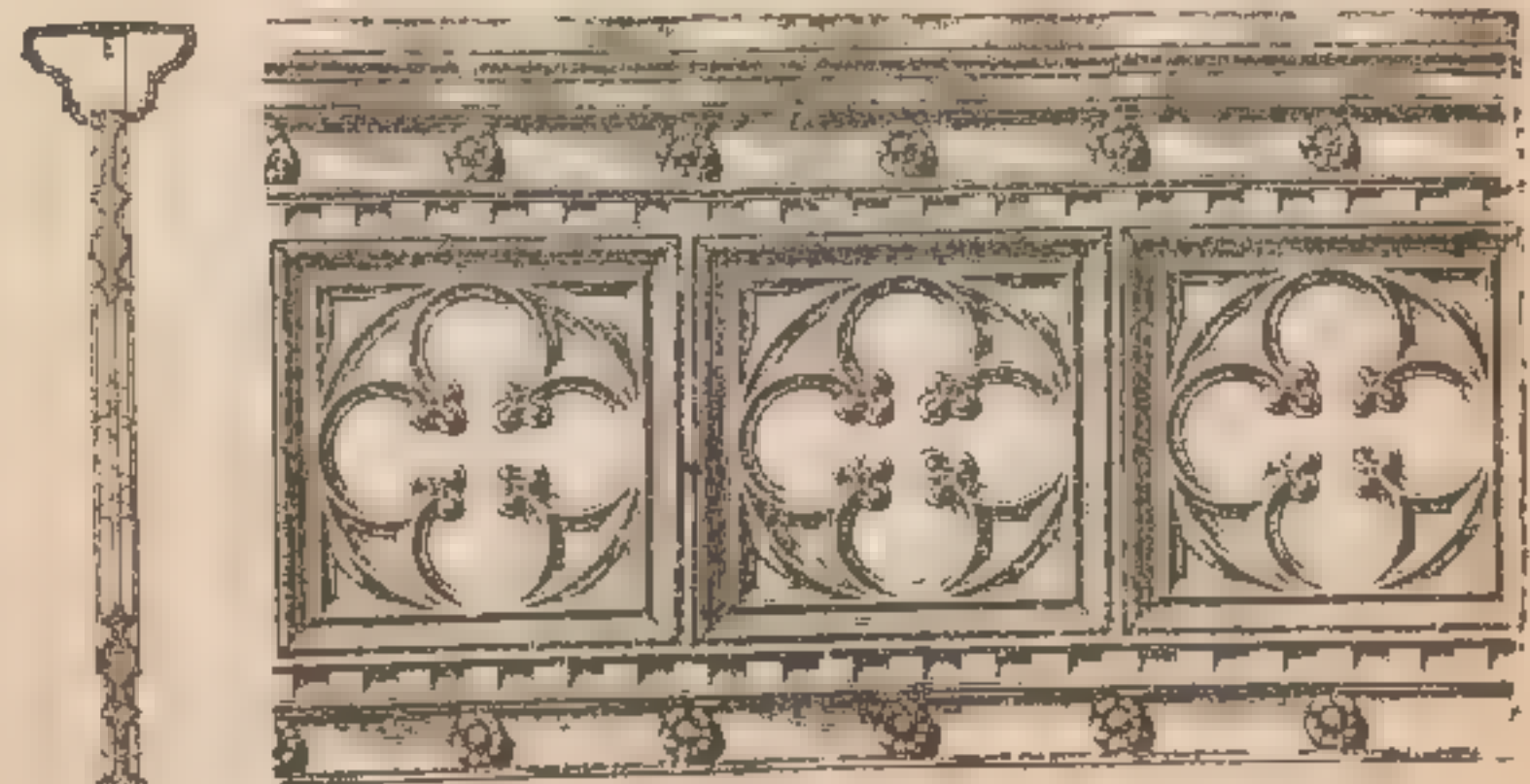
Nº 213



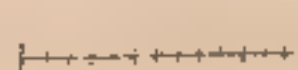
Nº 828



Nº 1018



SCALE



2

3

4 FEET

MACFARLANE'S CASTINGS — RAILING

Nº 995



Nº 376



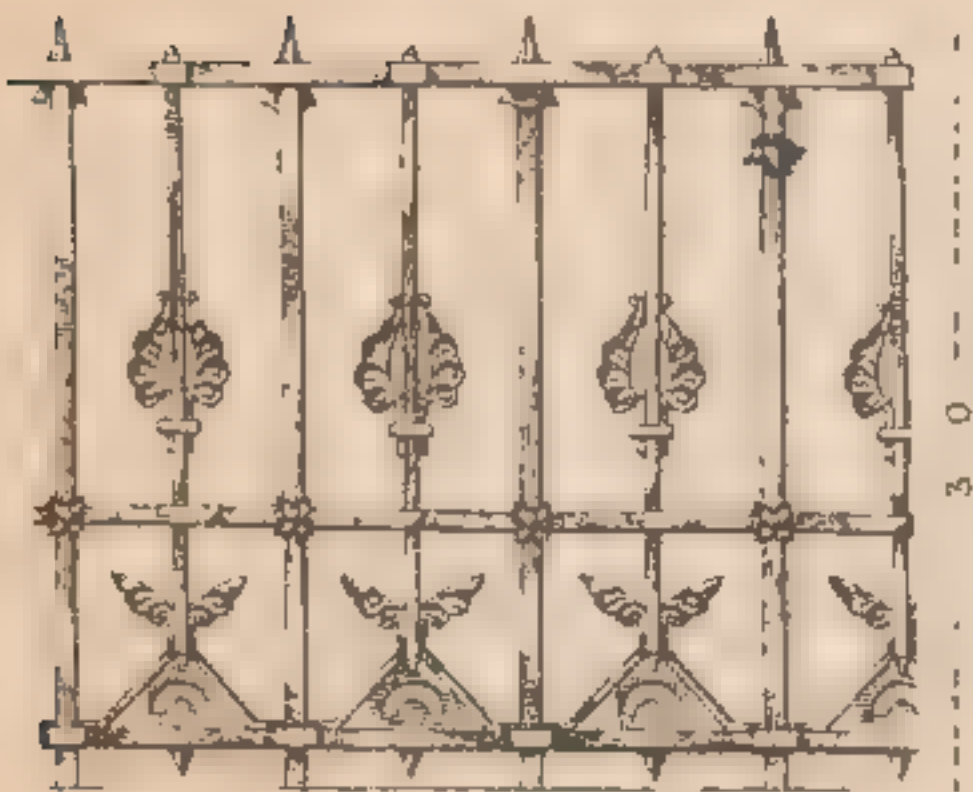
Nº 97



Nº 1036



Nº 758



Nº 1.25



Nº 131



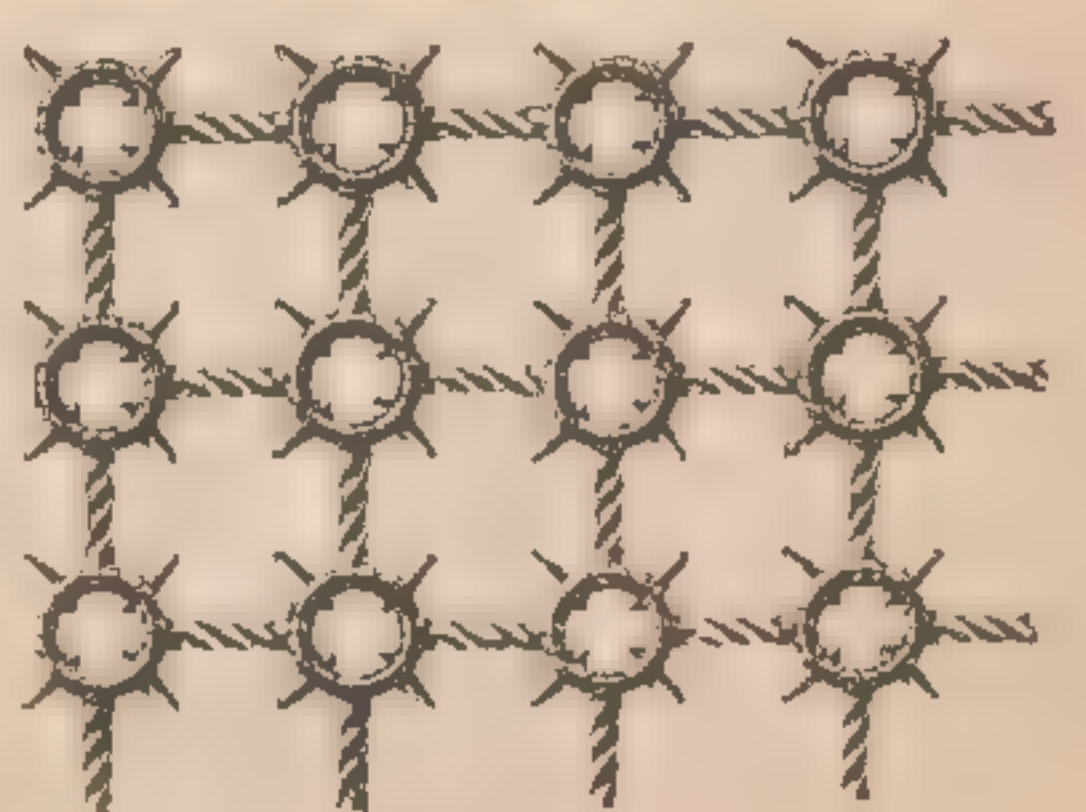
Nº 882



Nº 382



Nº 174



Any size to order

SCALE

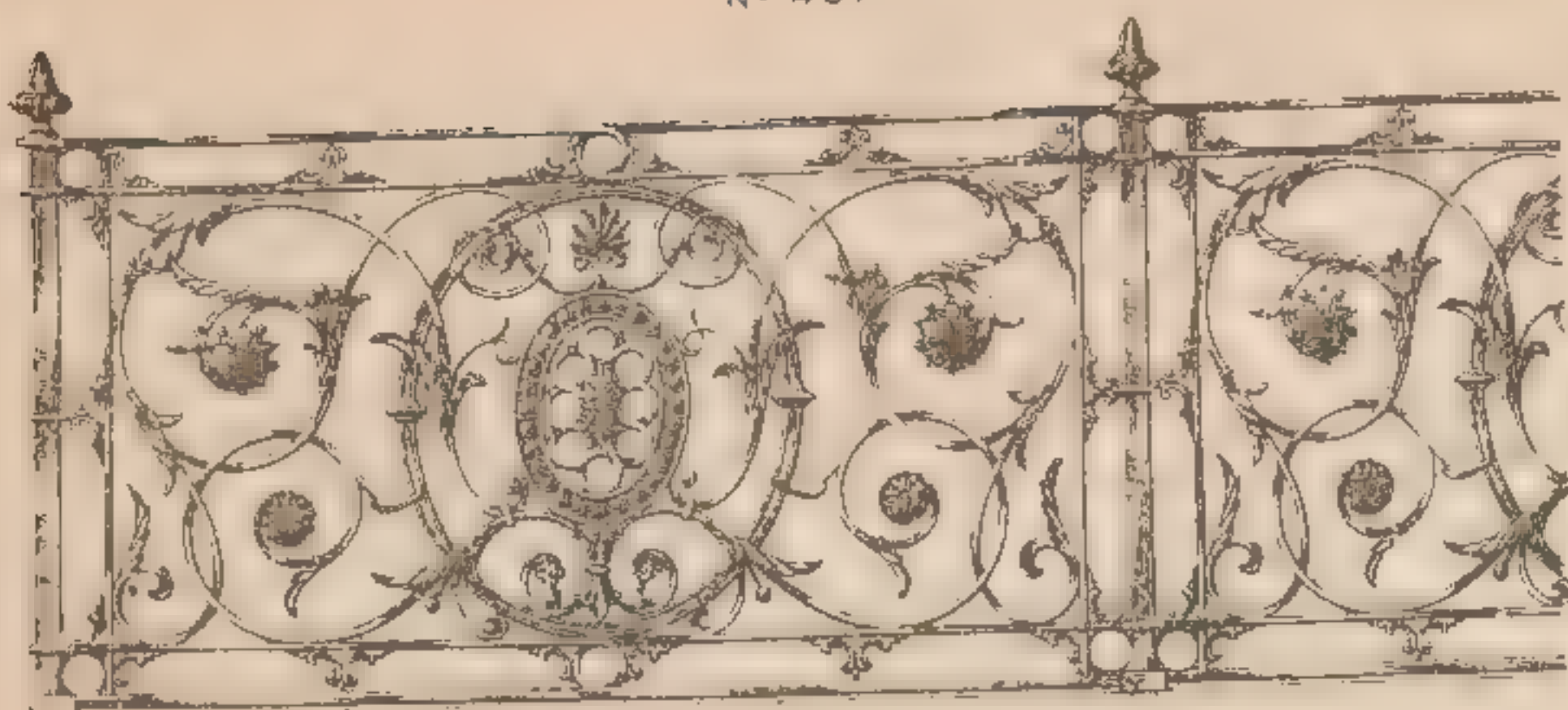


2

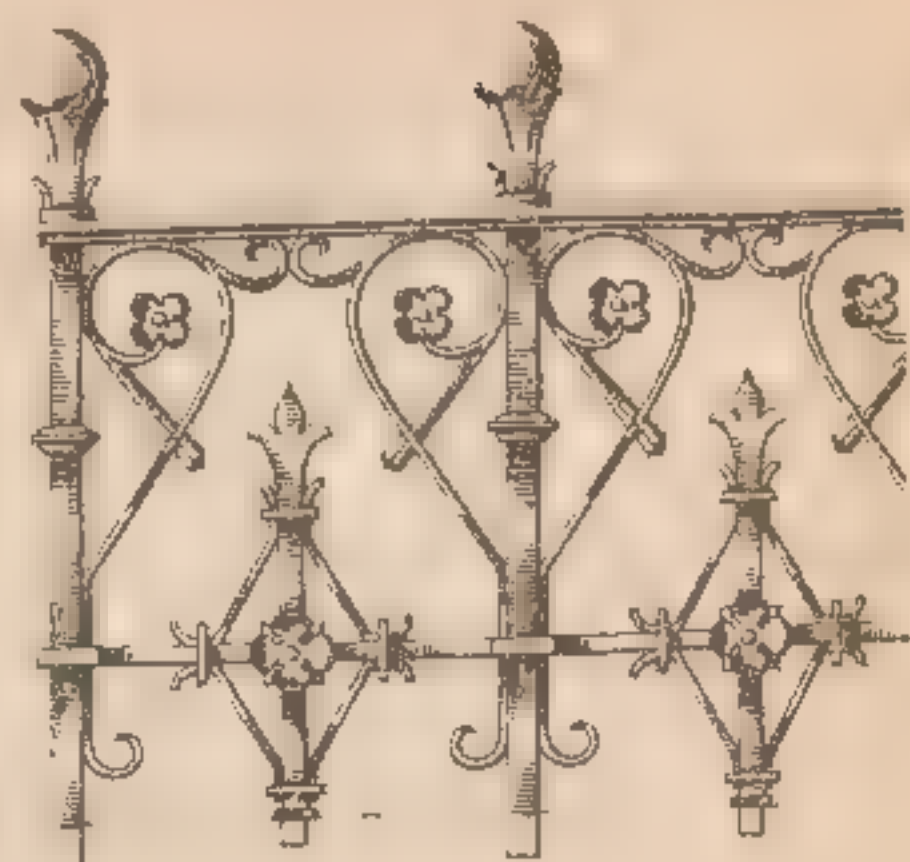
3

4 FEET

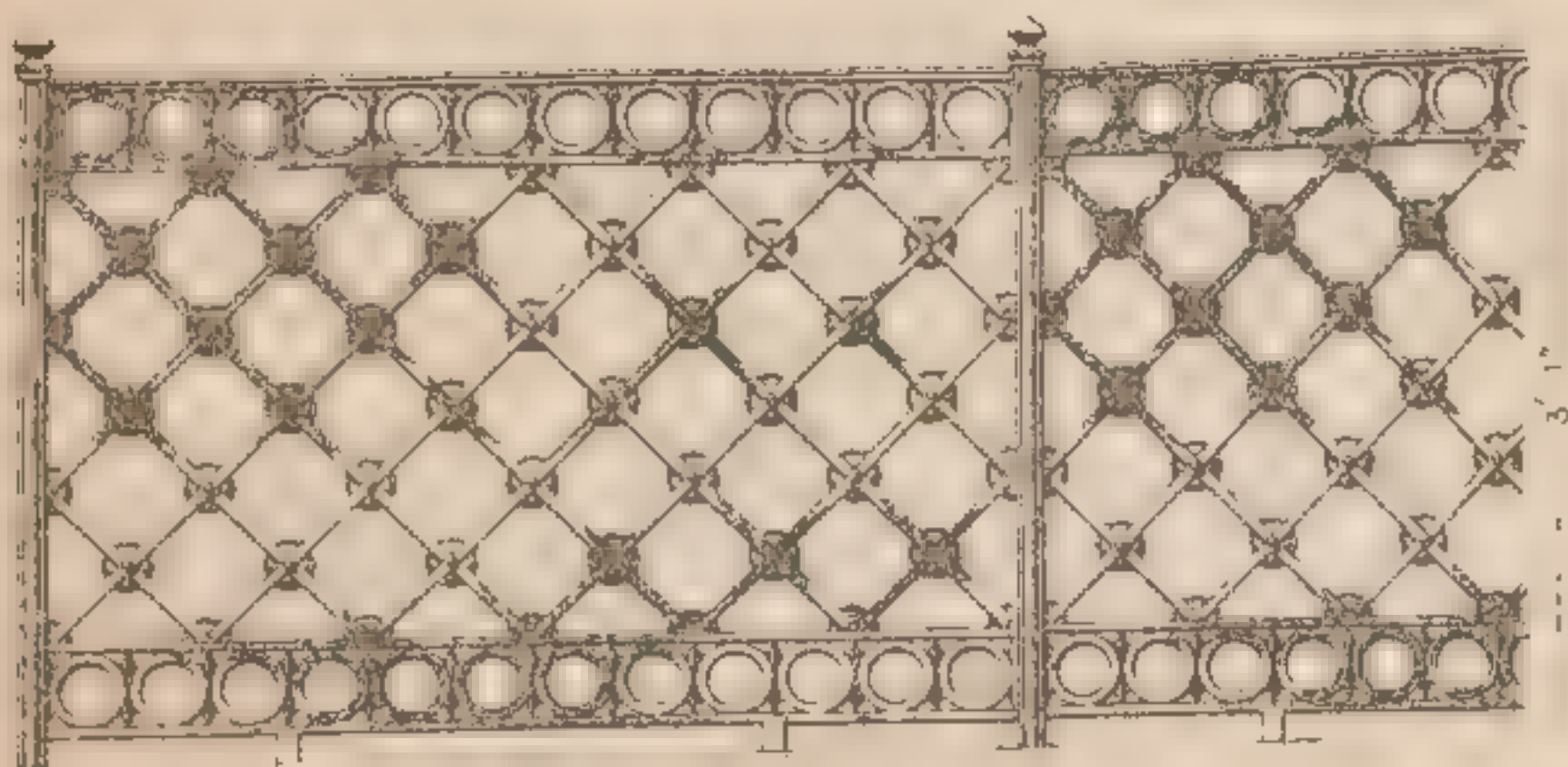
Nº 437



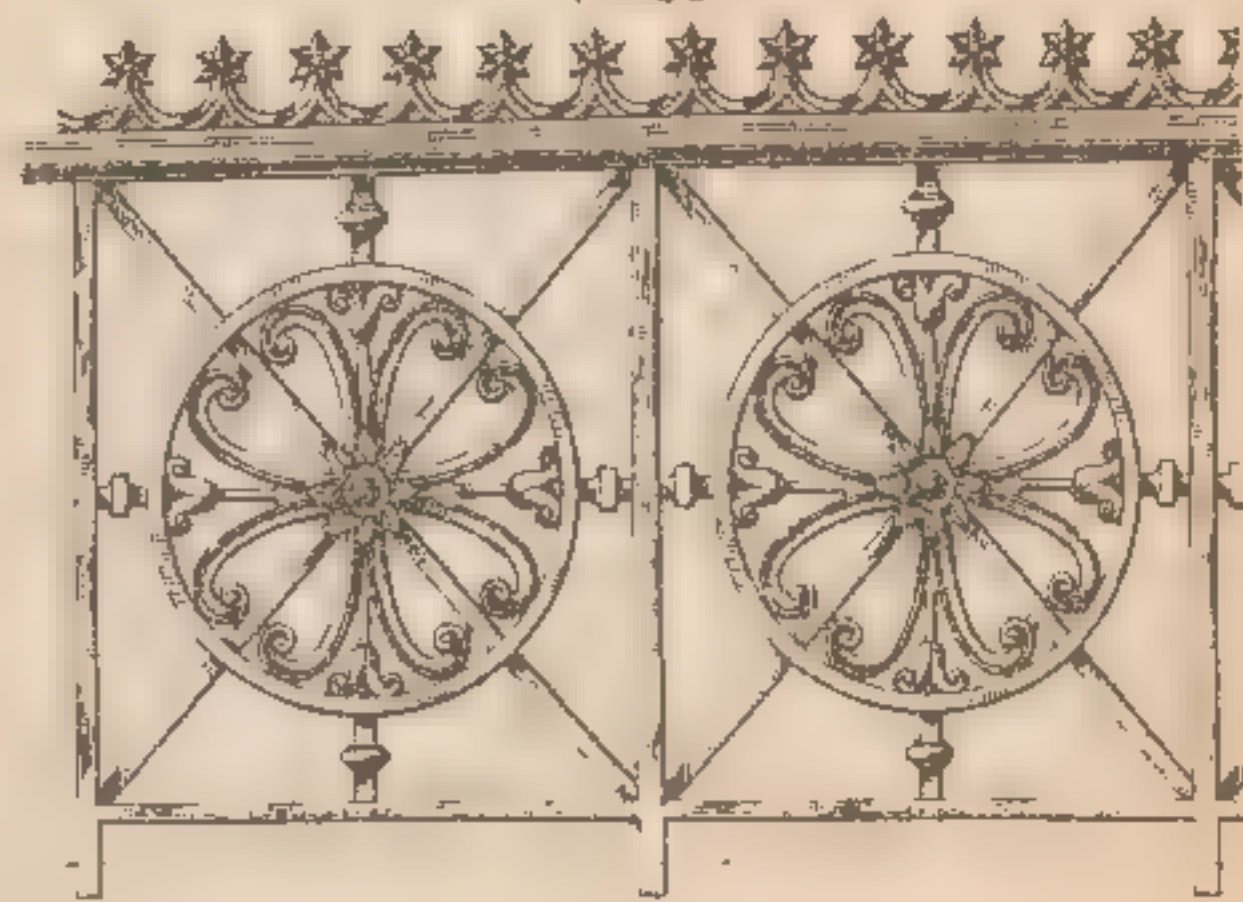
Nº 338



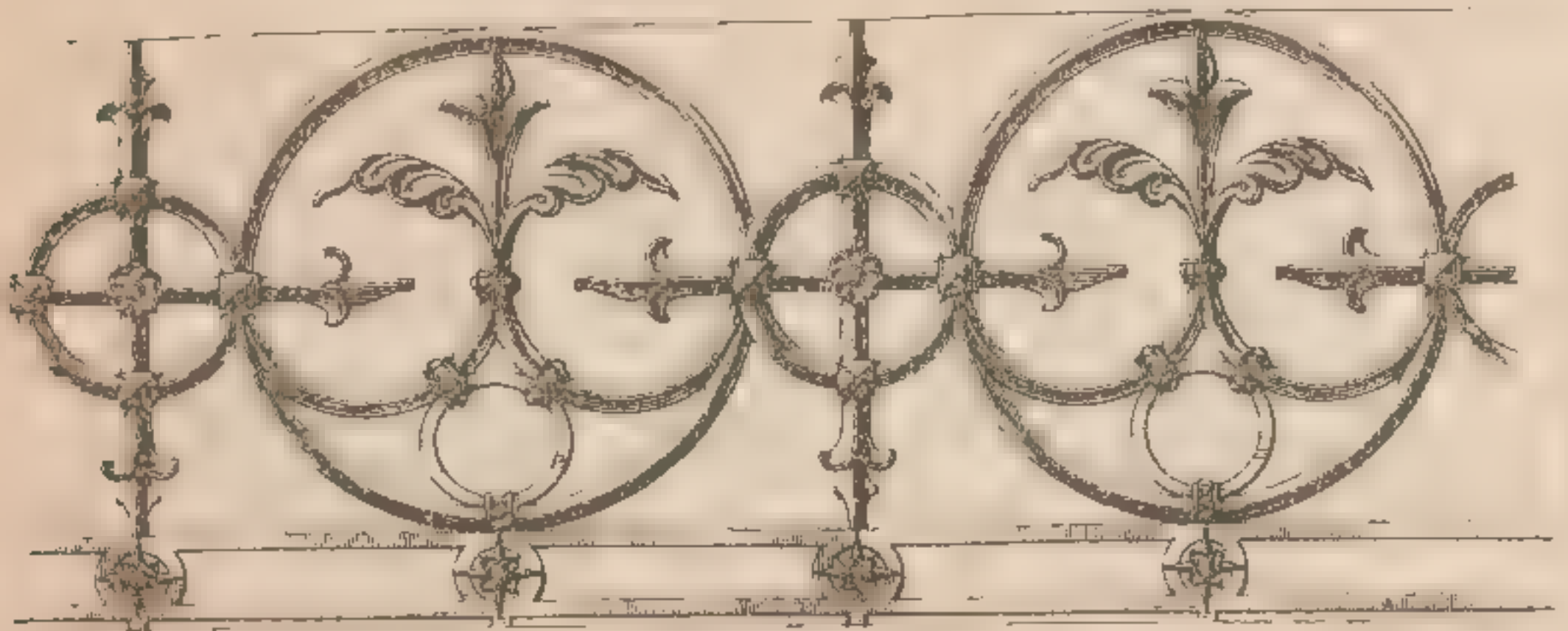
Nº 1106



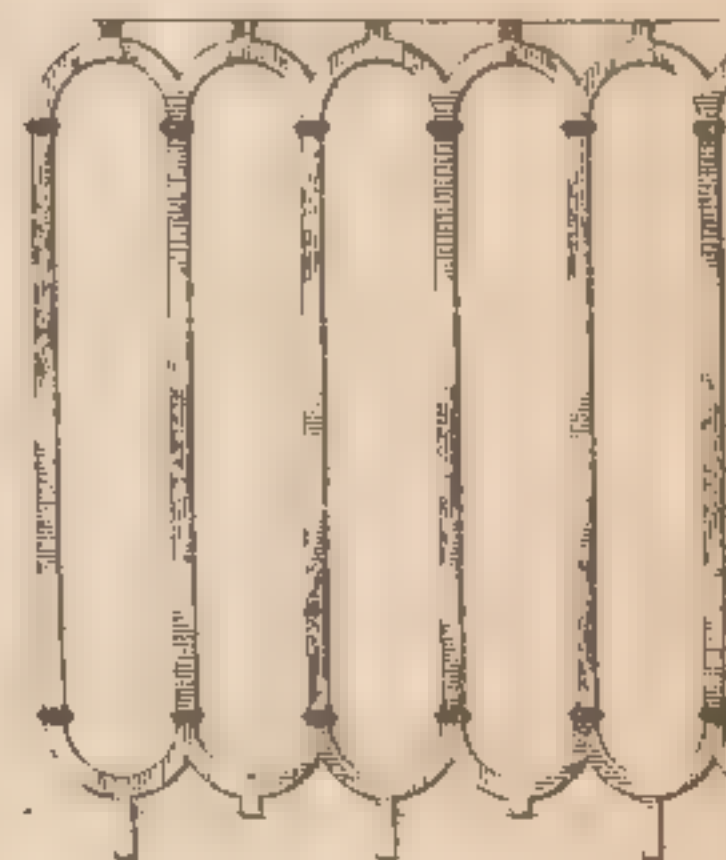
Nº 32



Nº 792



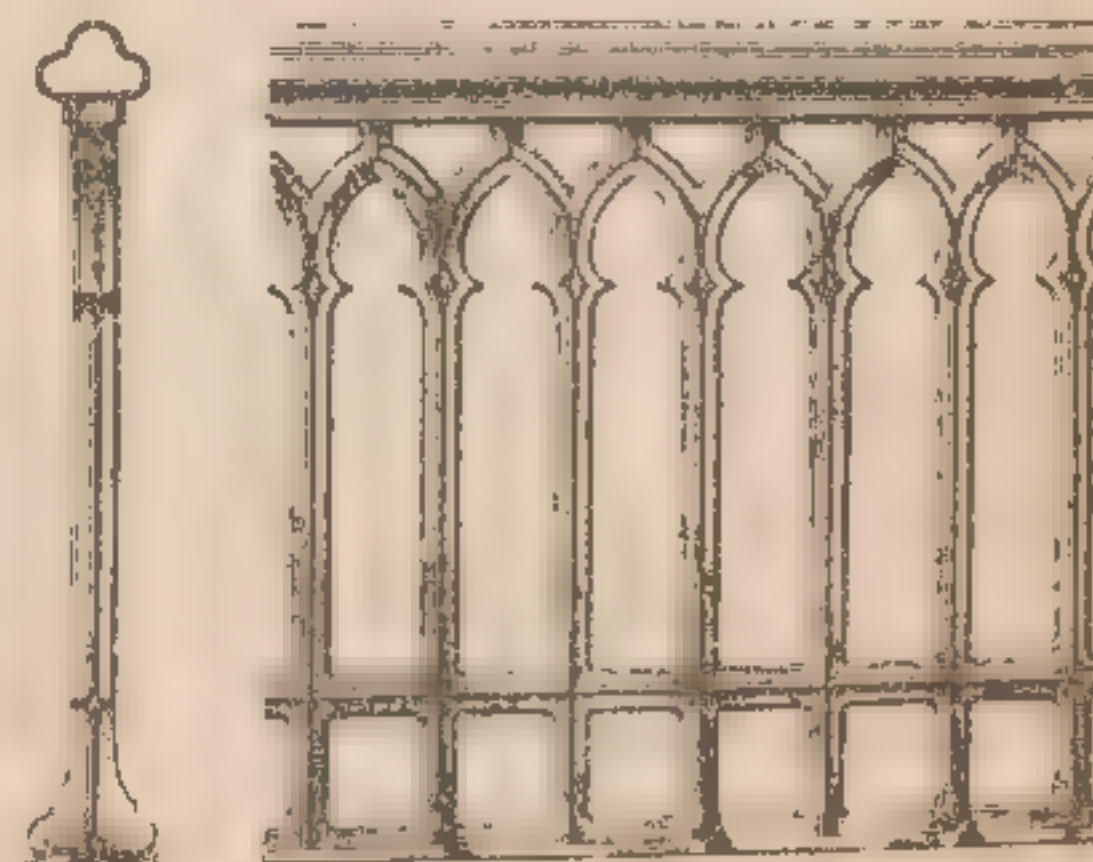
Nº 379



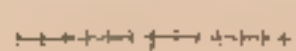
Nº 038



Nº 033

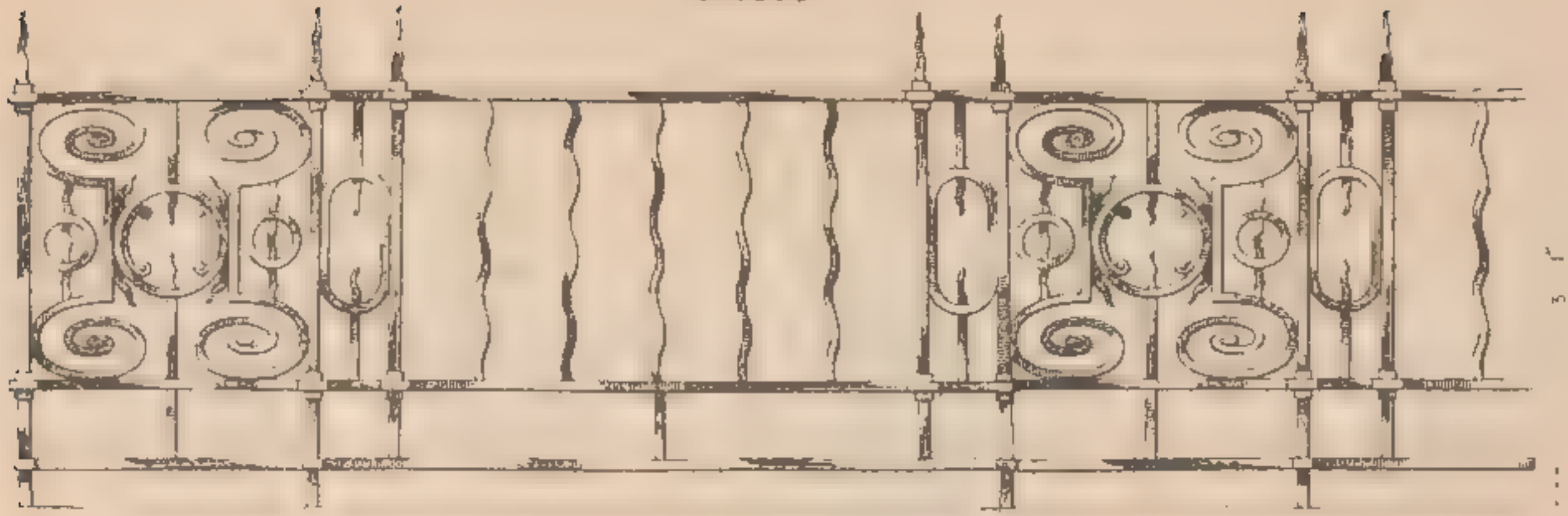


SCALE

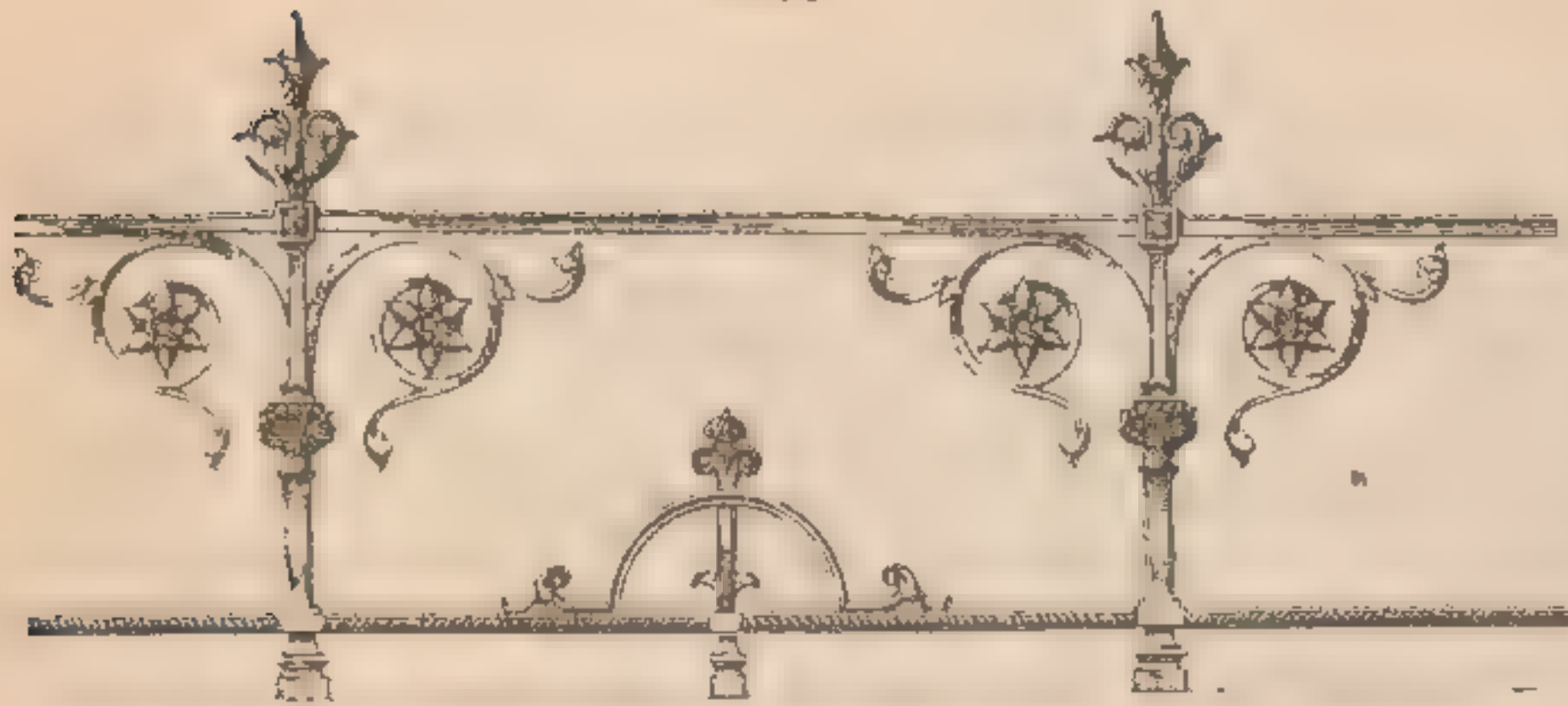


4 FEET

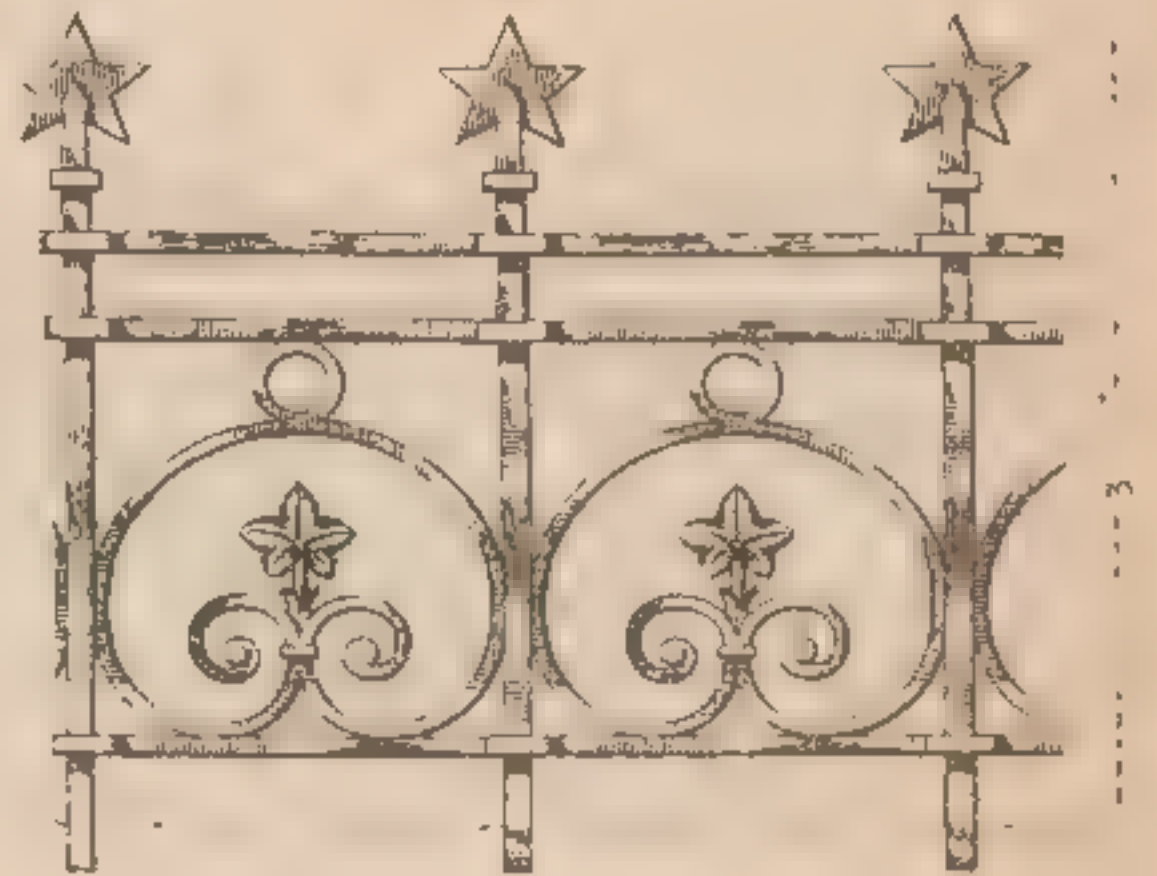
Nº 1065



Nº 907



Nº 203



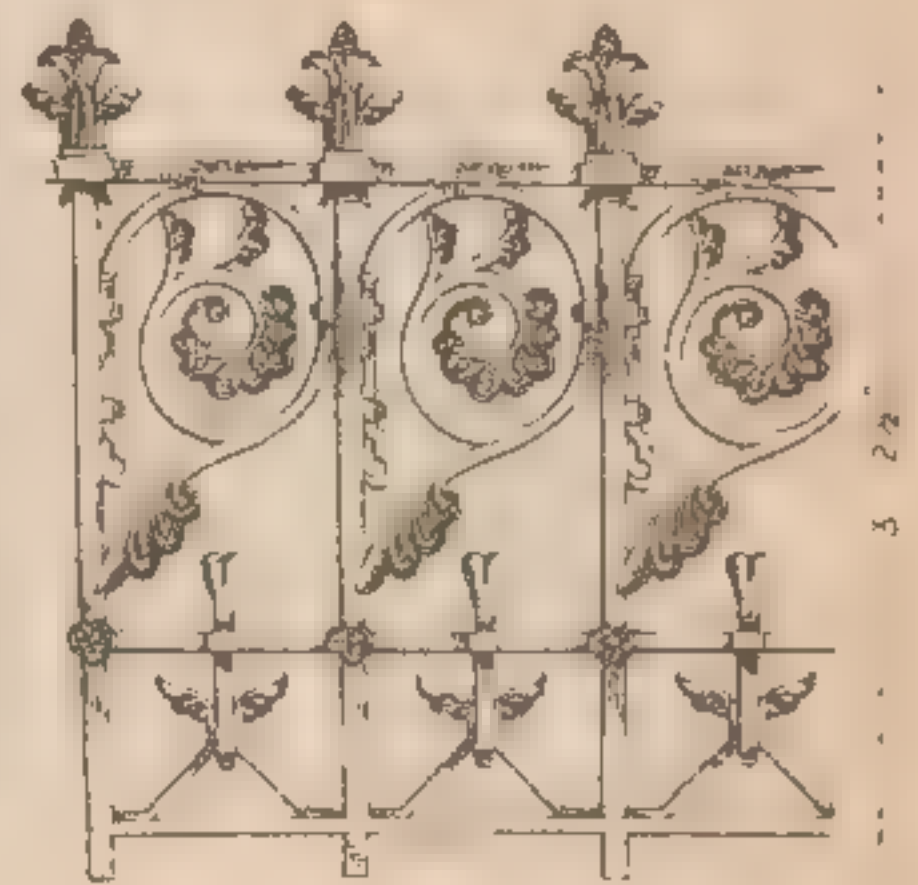
Nº 207



Nº 457



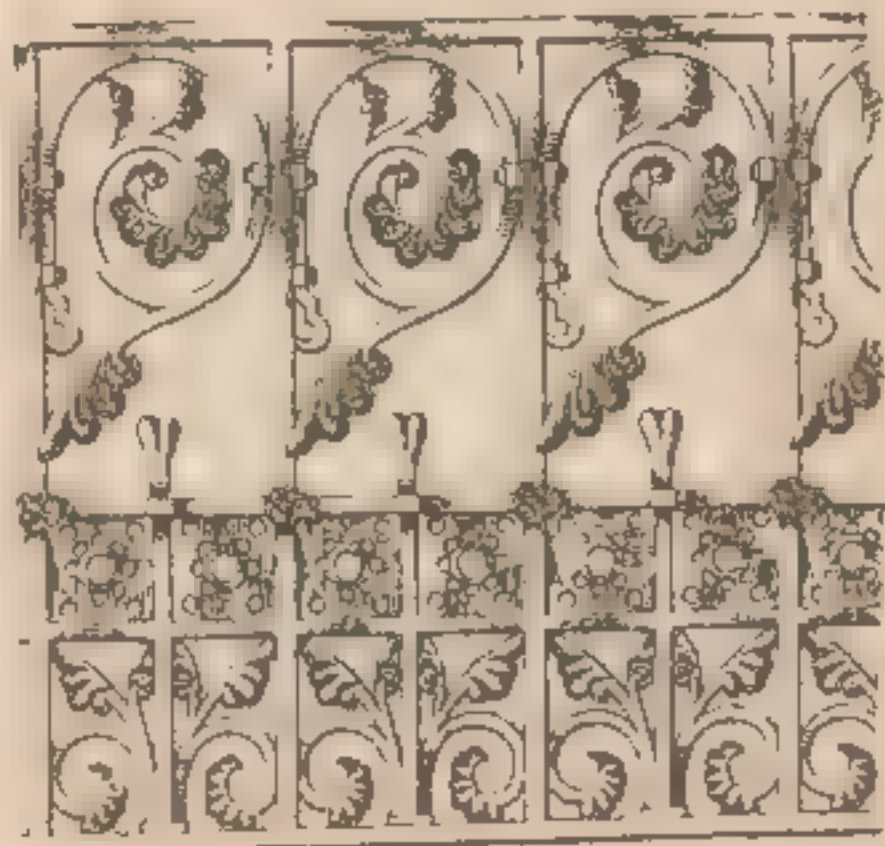
Nº 19



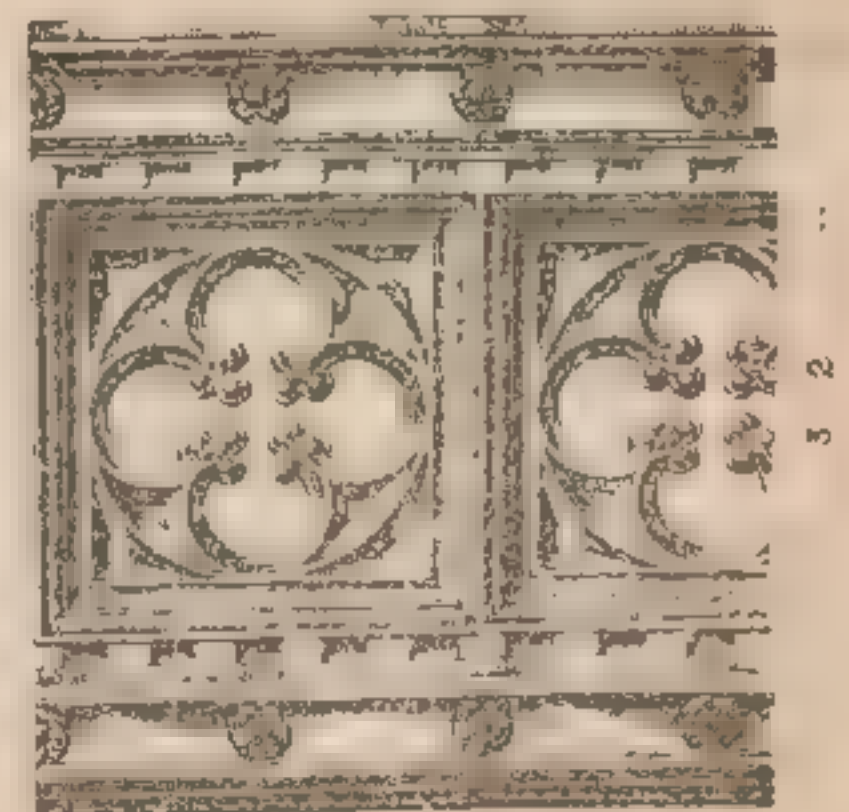
Nº 63



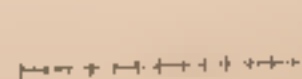
Nº 211



Nº 467



SCALE



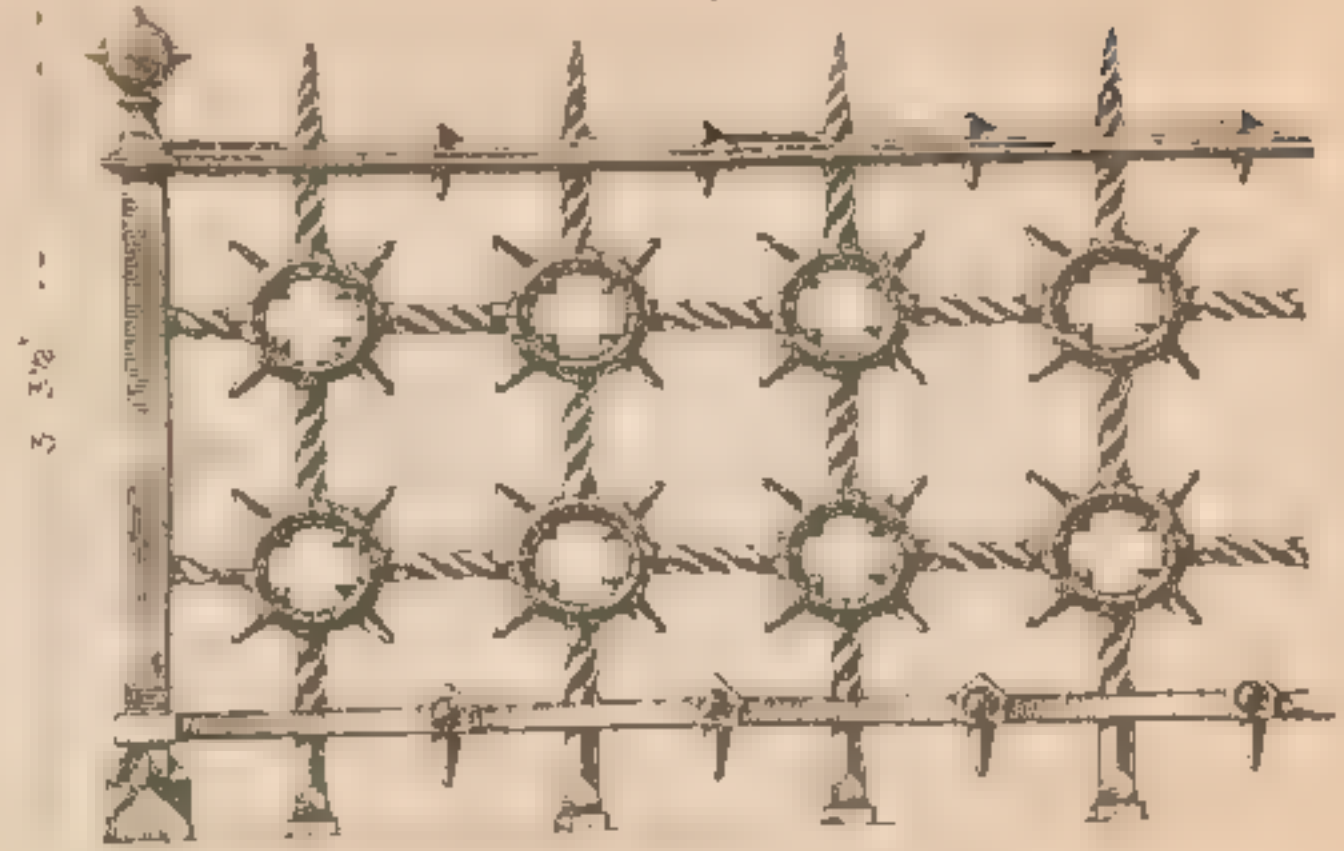
3

4 FEET

Nº 1012

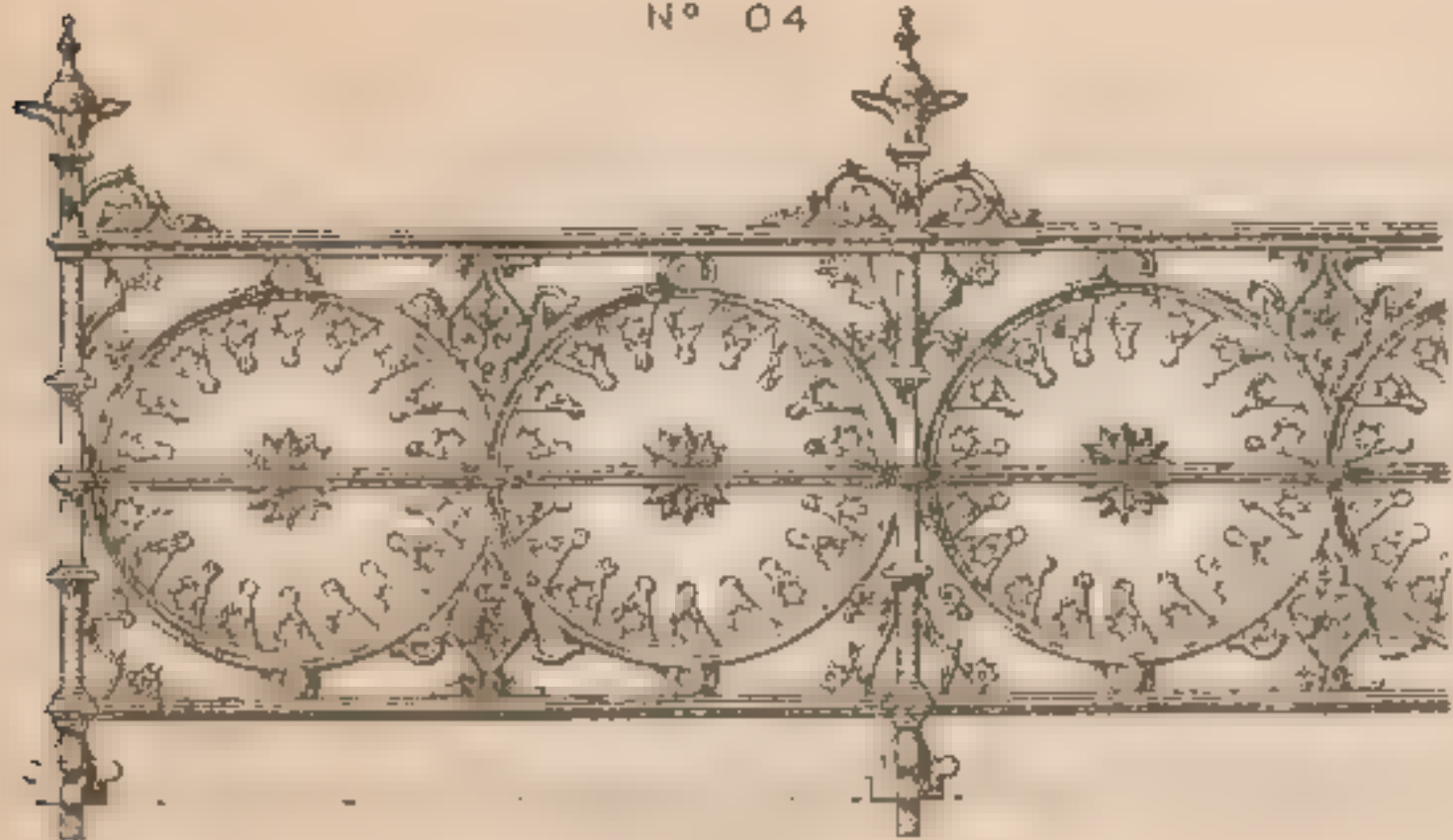


Nº 174

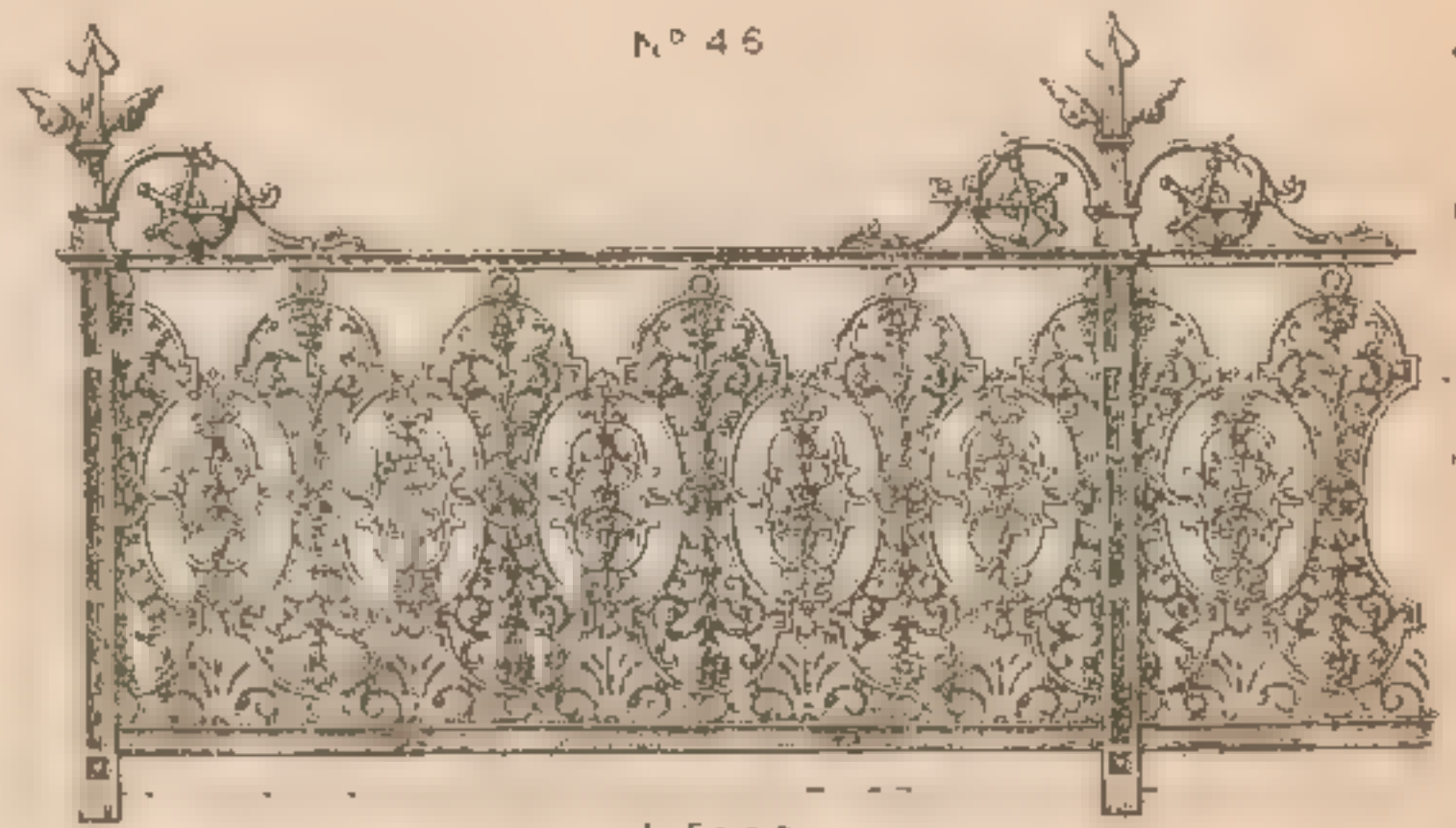


Main Standard priced separately

Nº 04



Nº 46



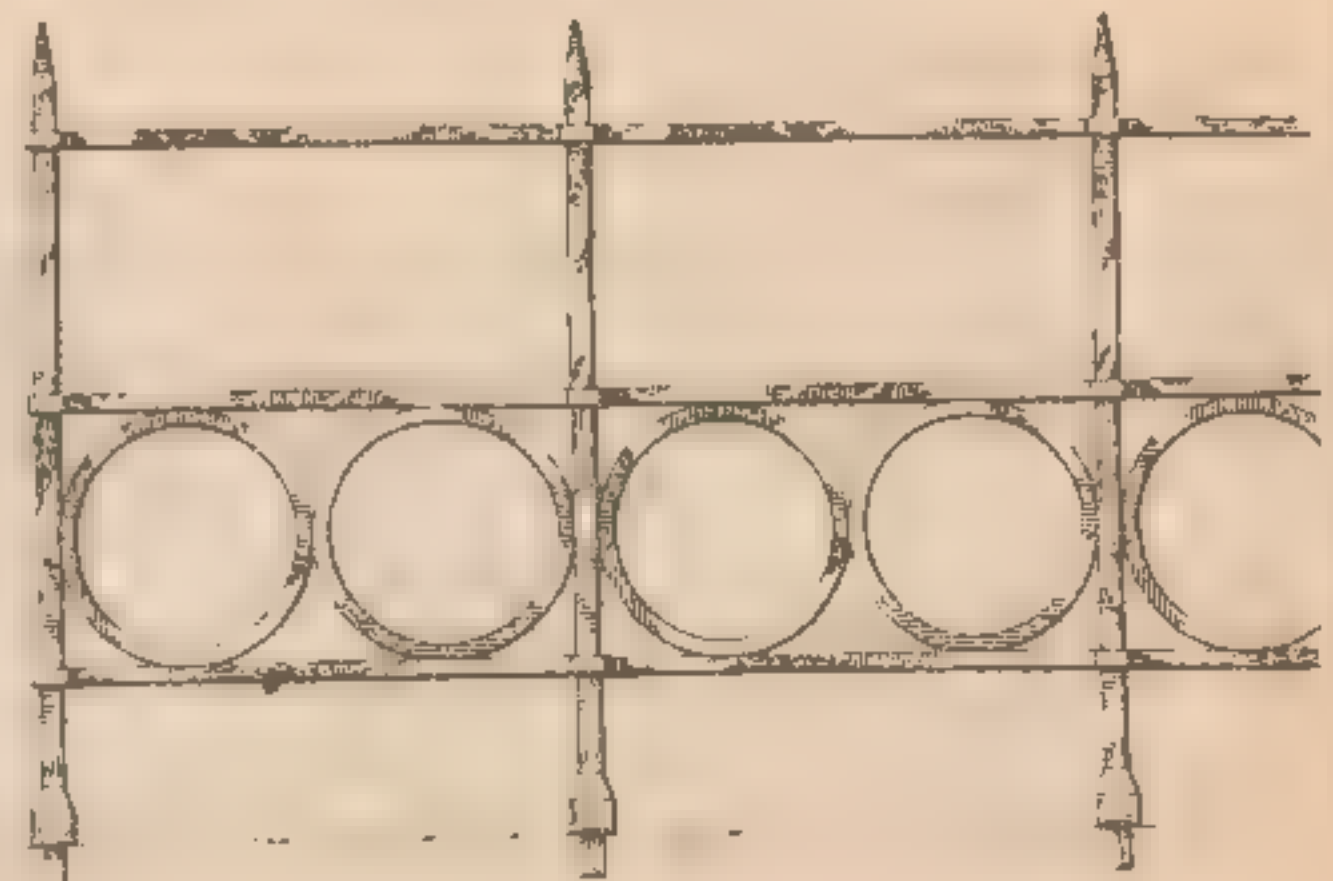
1 FACE

Nº 951

Can also be used in combination with No. 952 illustrated below.

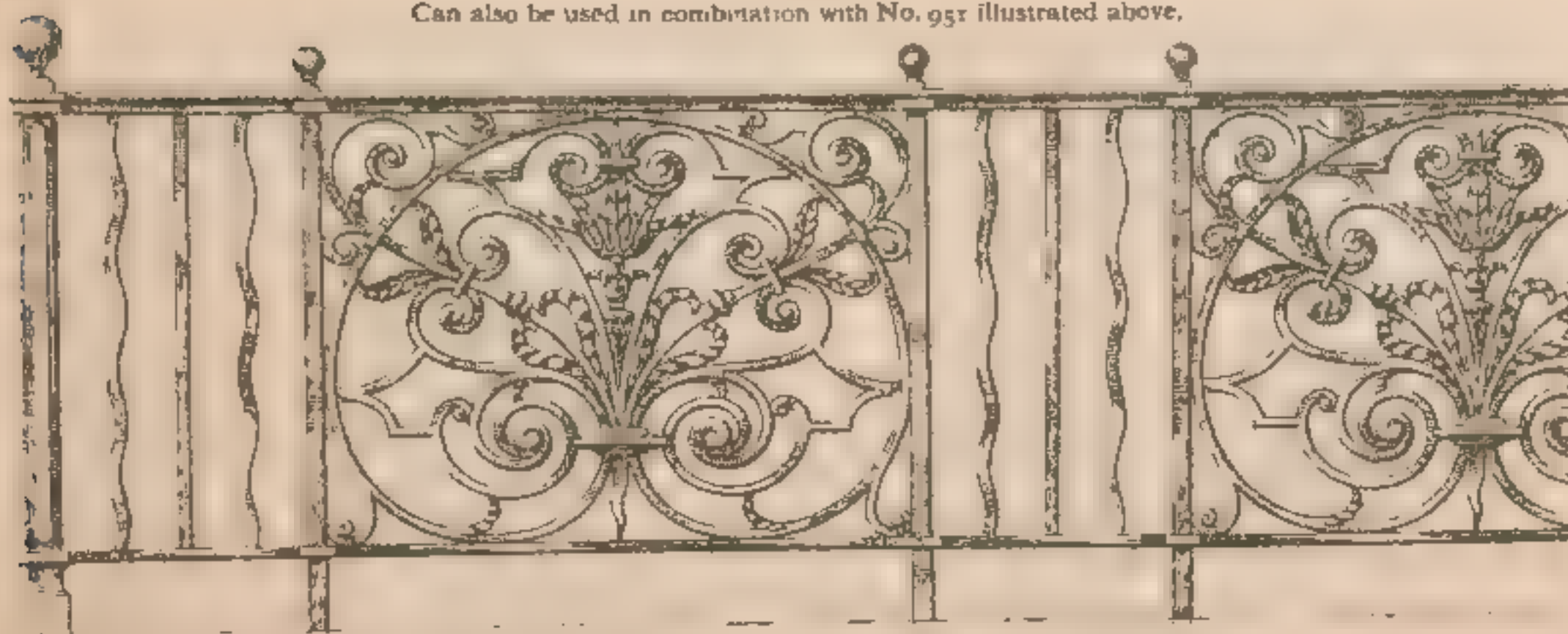


Nº 180



Nº 952

Can also be used in combination with No. 951 illustrated above.



Nº 864



Main Standard priced separately

SCALE



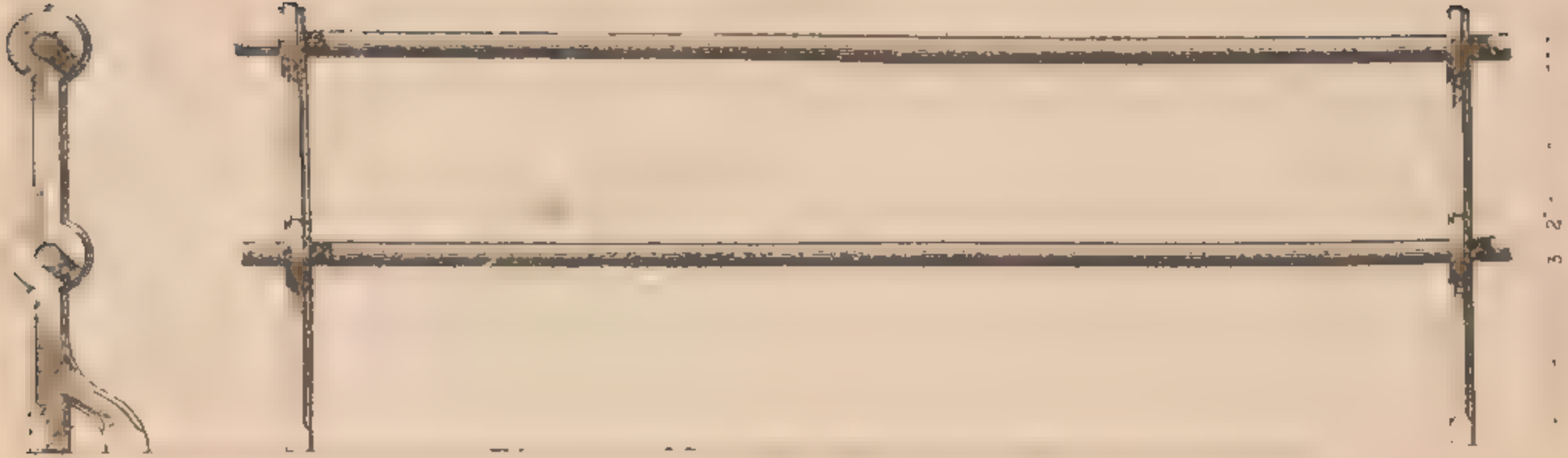
2

3

4 FEET

MAGFARLANE'S CASTINGS — RAILING

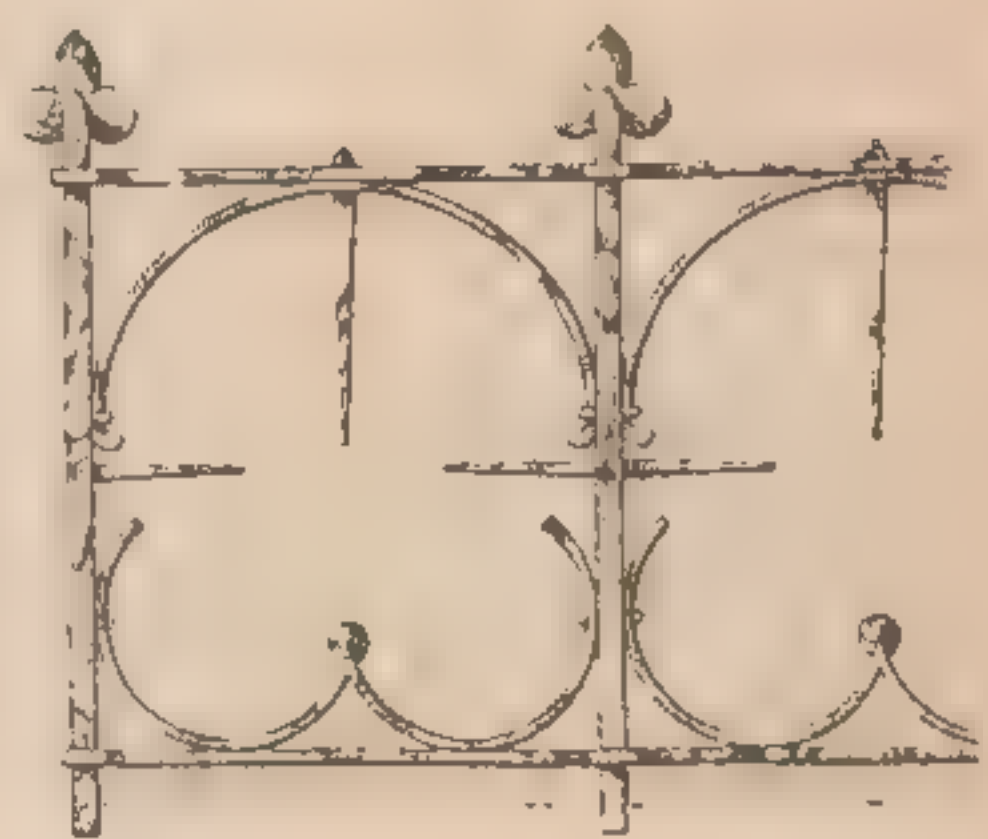
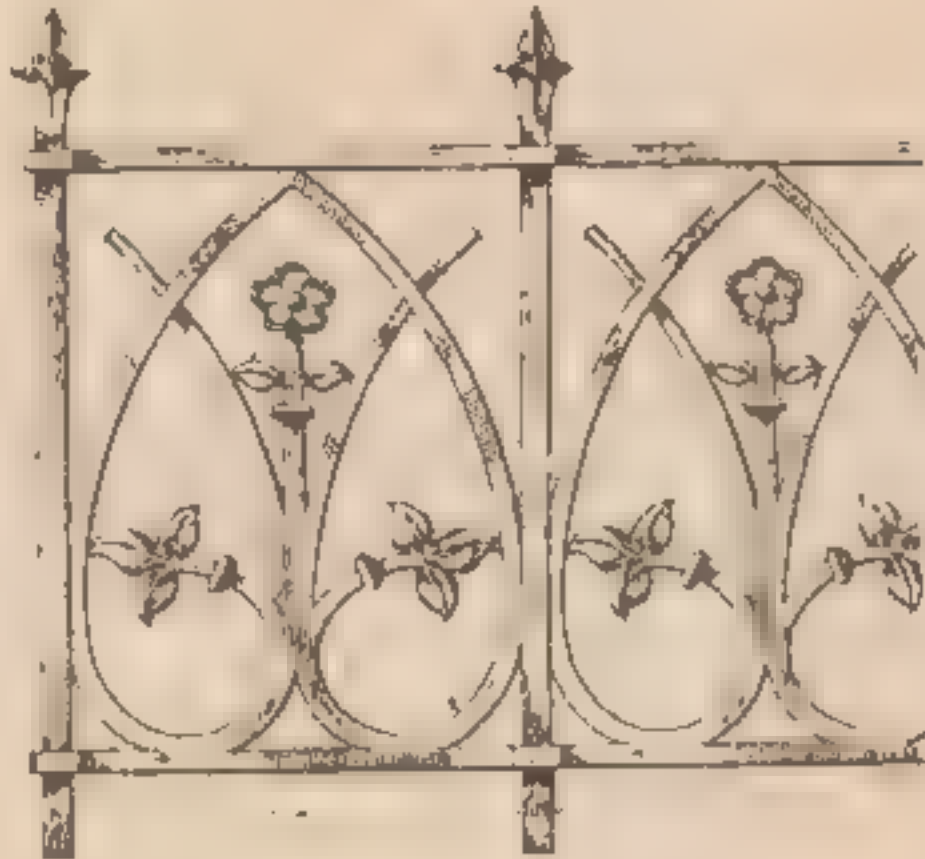
Nº 986



Nº 1013

Nº 81

Nº 67



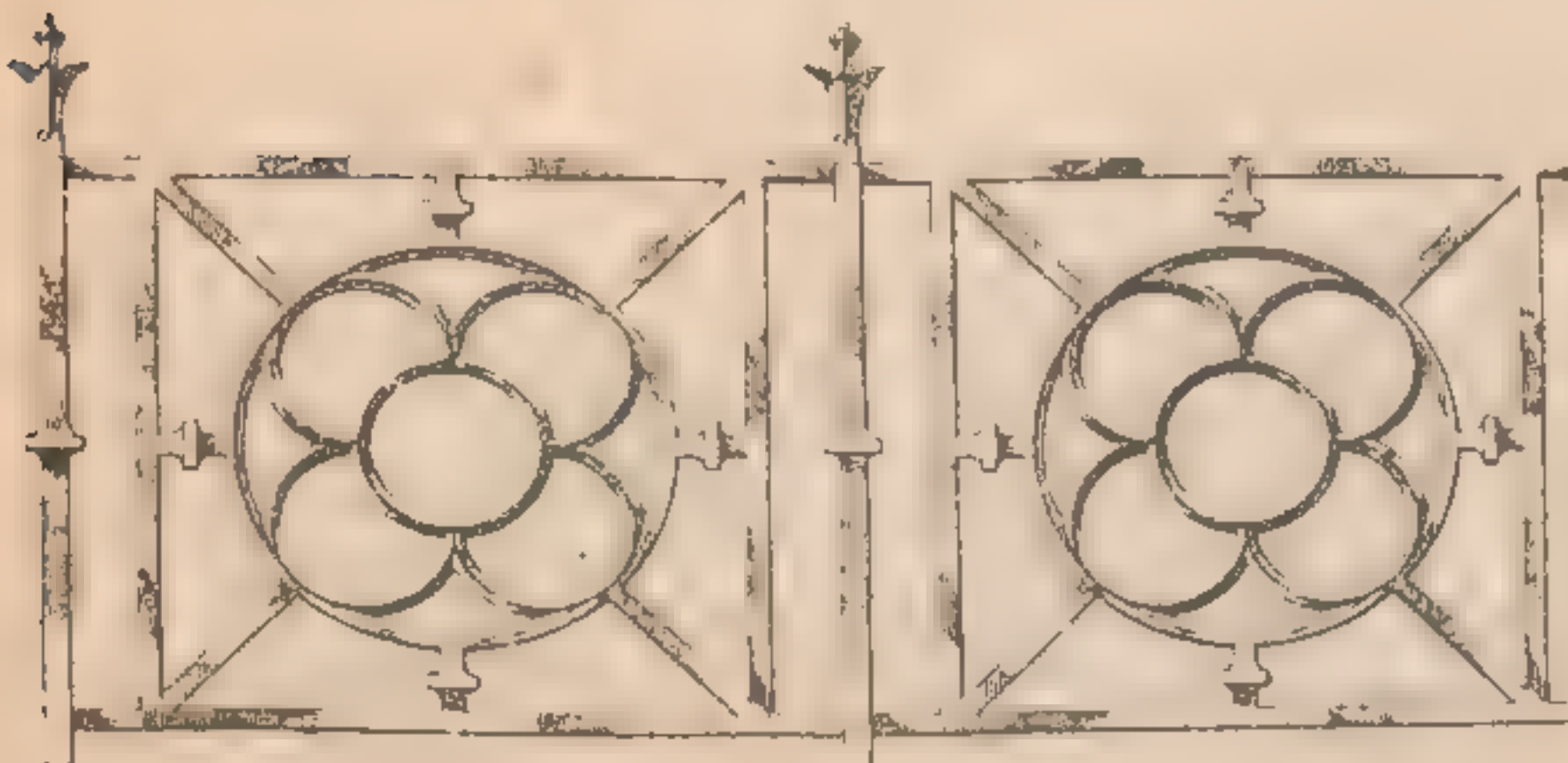
Nº 45

Nº 116



Nº 153

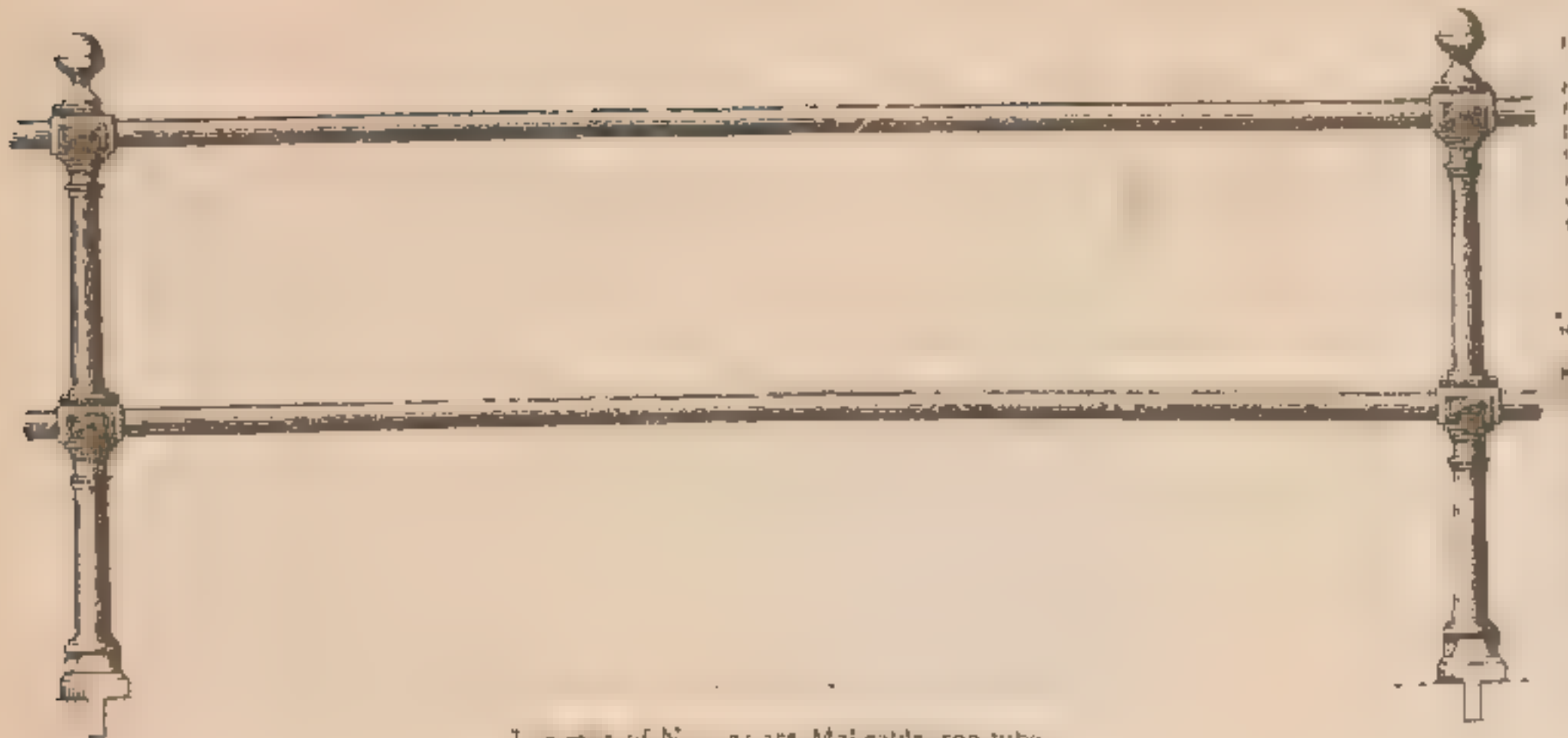
Nº 2



SCALE

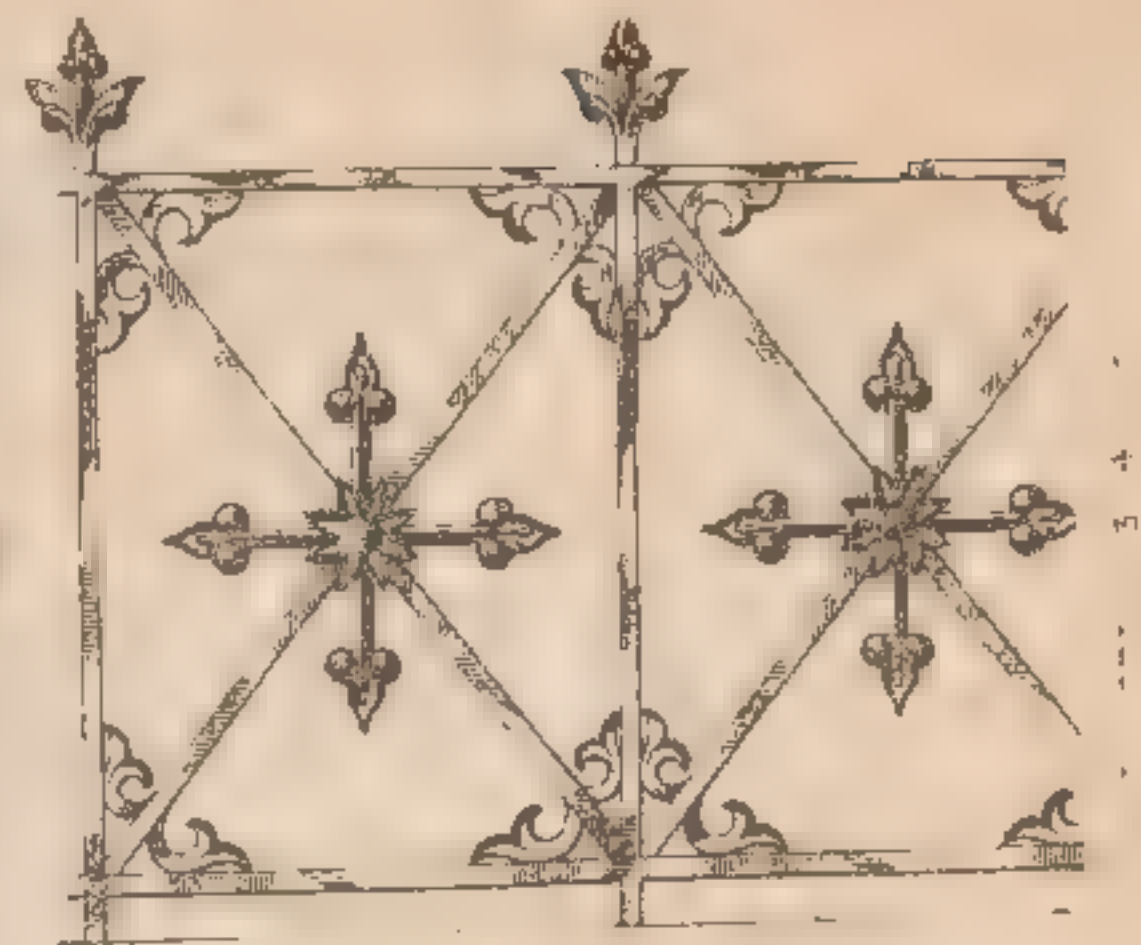


Nº 471



The rails of Nº 471 are Malleable iron tube

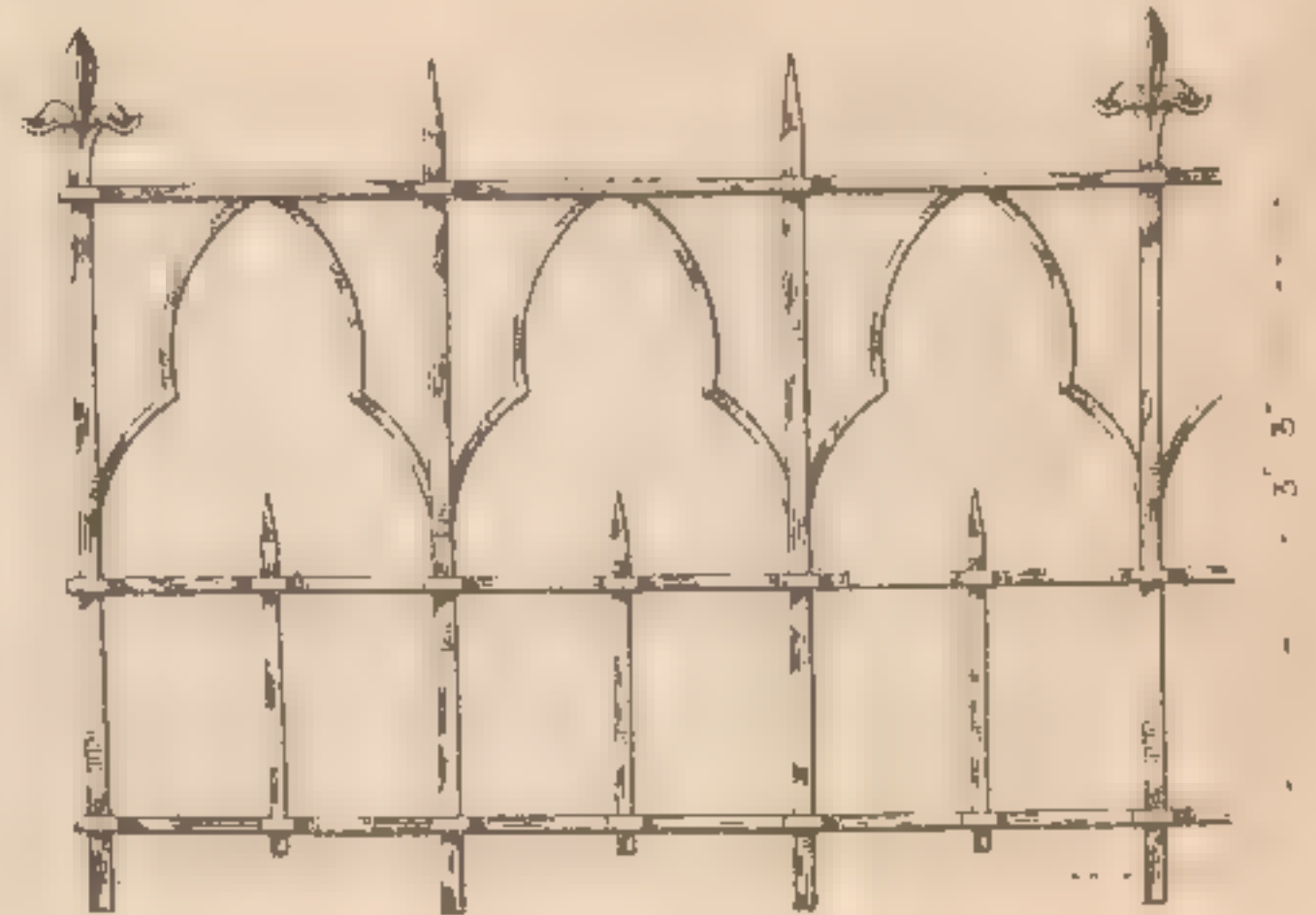
Nº 209



Nº 10.7

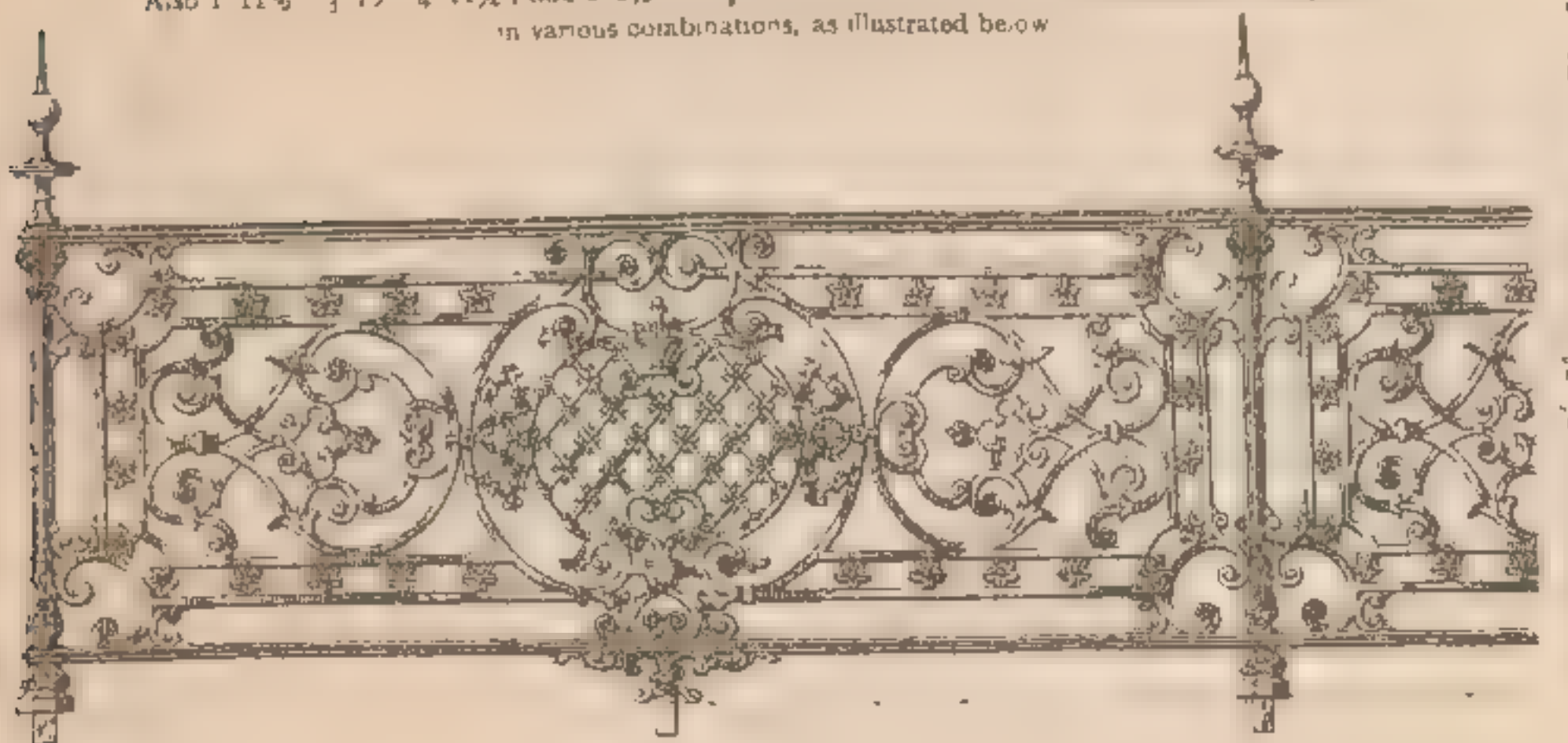


Nº 73

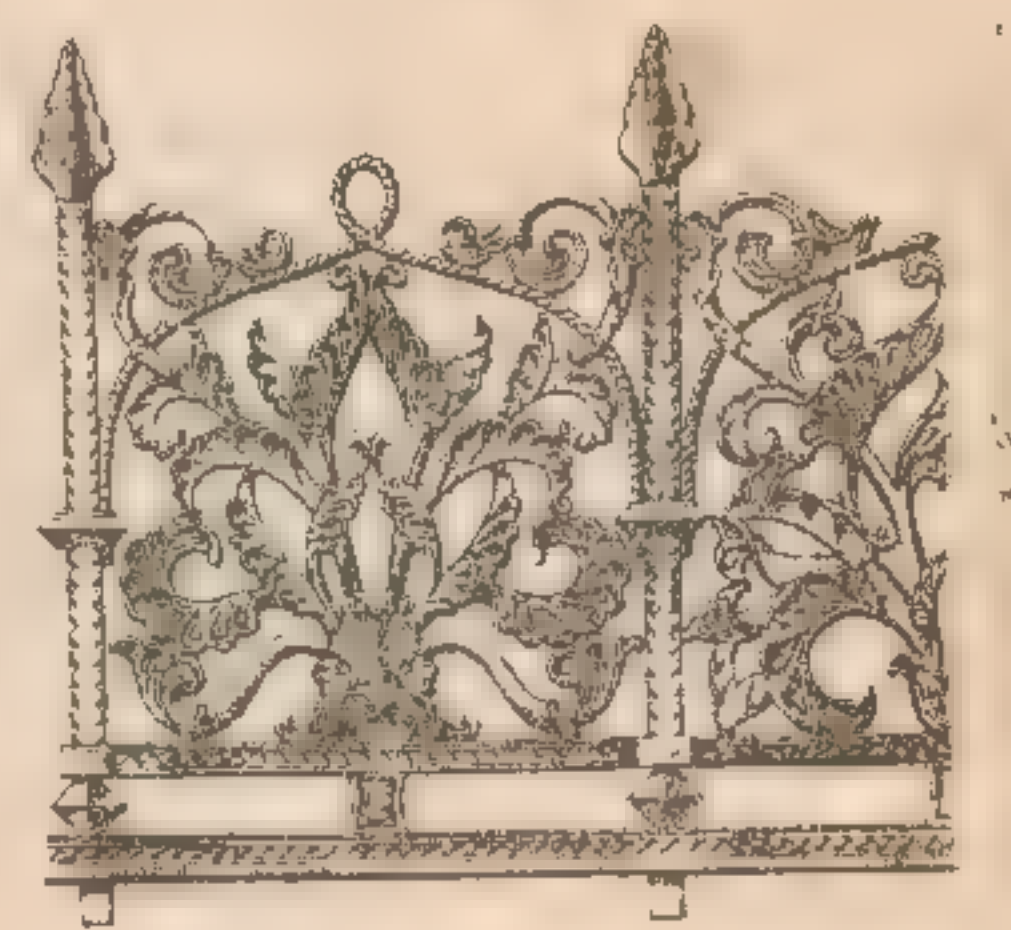


Nº 421 — 5' 8 3/4" BETWEEN CENTRES

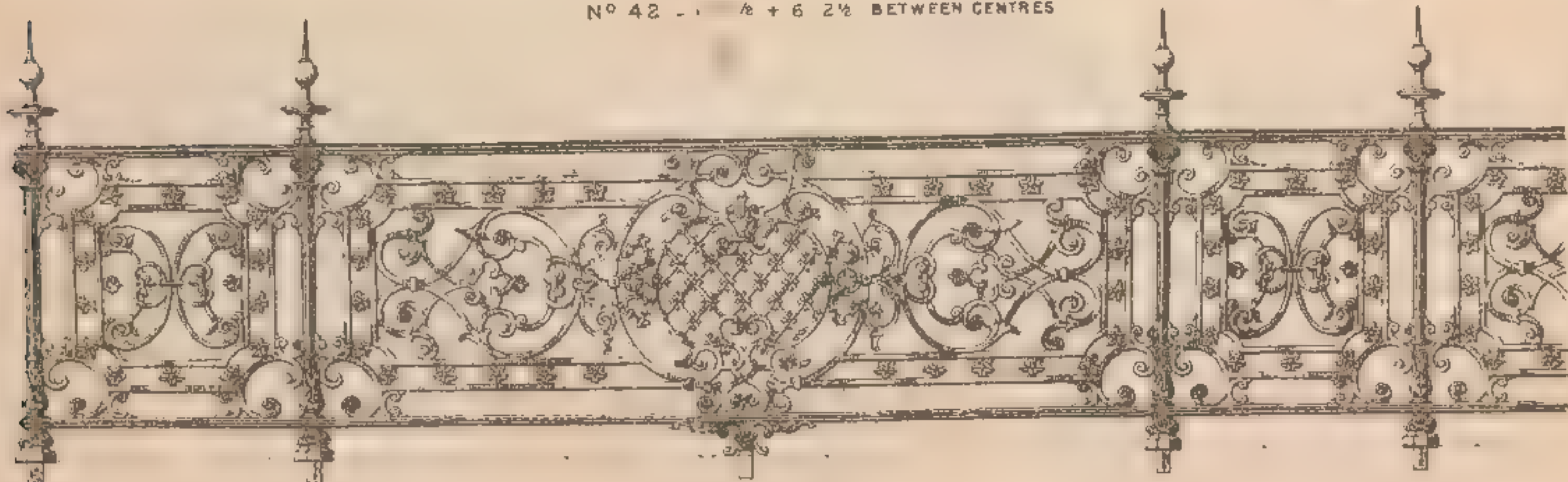
Also 11 1/2" 3' 10" 4' 11 1/2" and 6' 2 1/2" between centres, which can be used separately or together in various combinations, as illustrated below



Nº 36



Nº 42 — 6' 2 1/2" BETWEEN CENTRES



SCALE

4 FEET

Nº 167



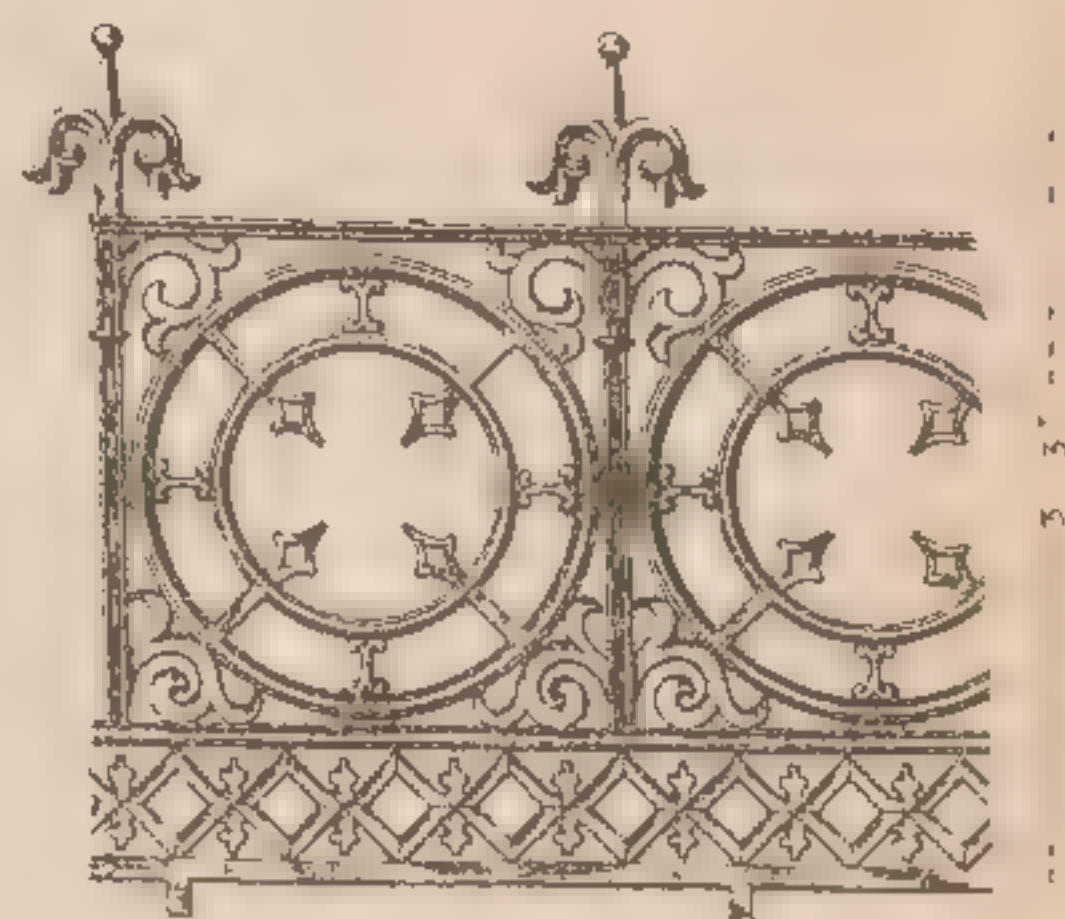
Nº 275



Nº 181



Nº 42



Nº 830



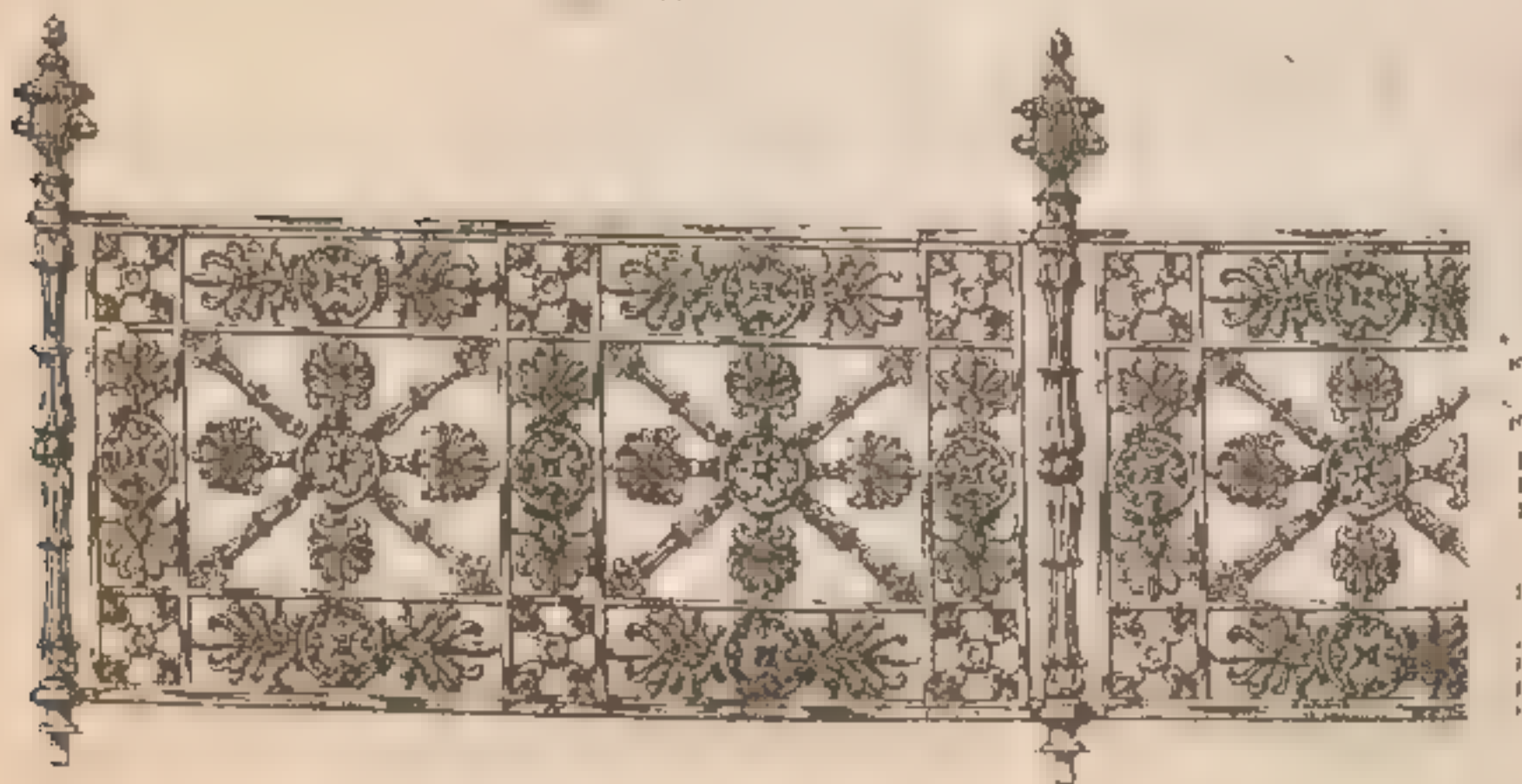
Nº 923



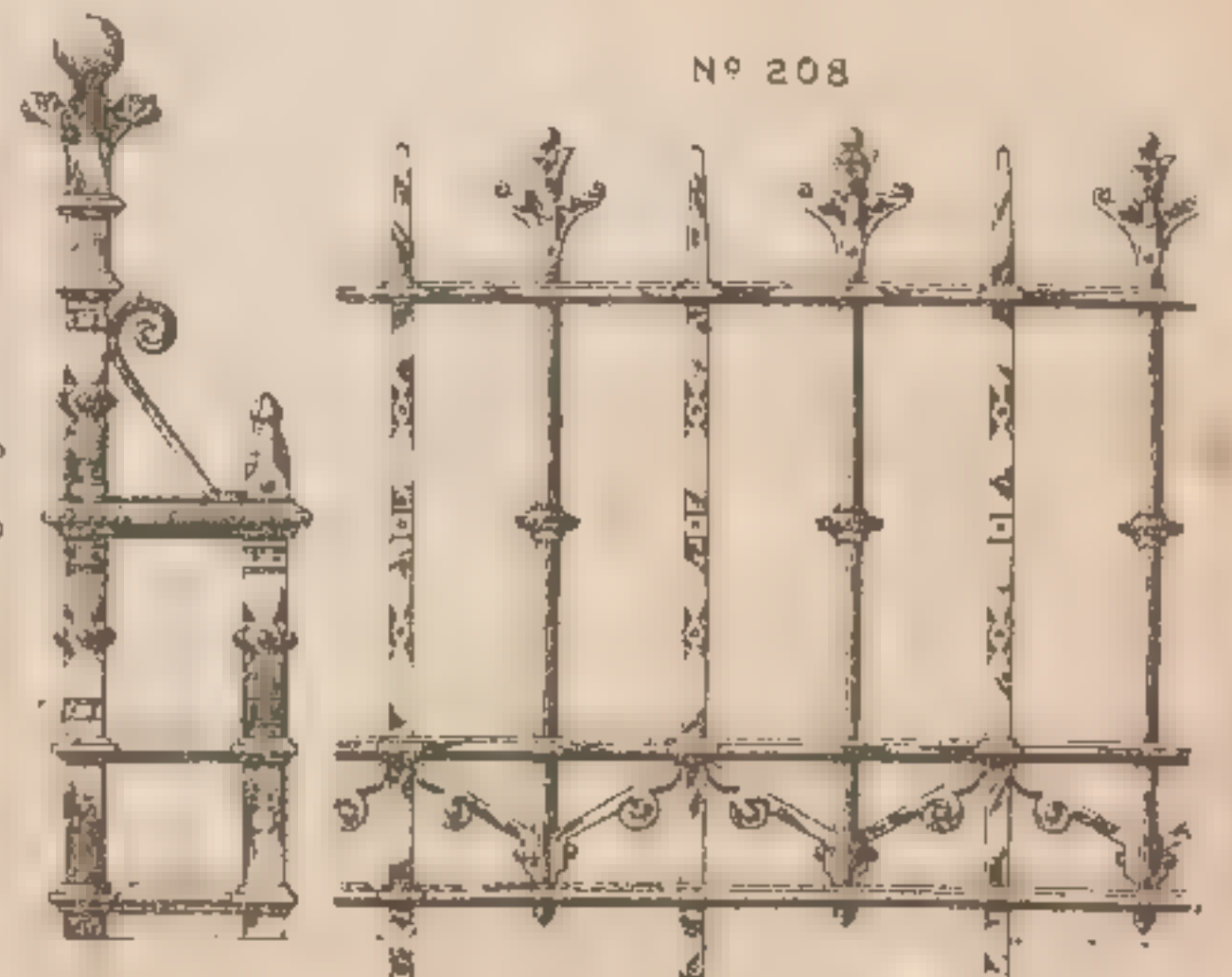
Nº 945



Nº 24



Nº 208



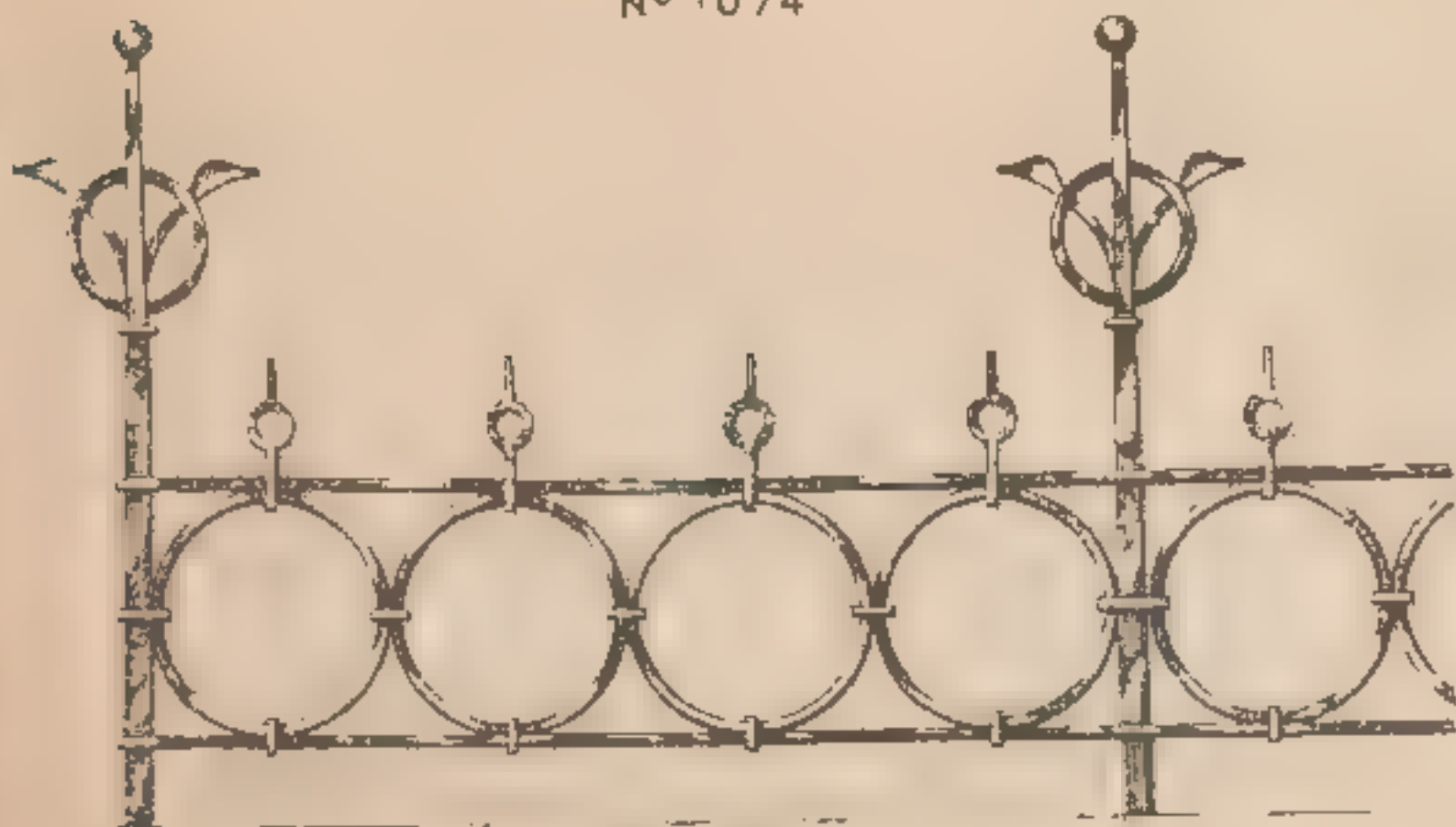
Main Standard with Backstay priced separately.

Nº 163



Centre feature repeats every 13' 6". Other distances to order. See also page 193.

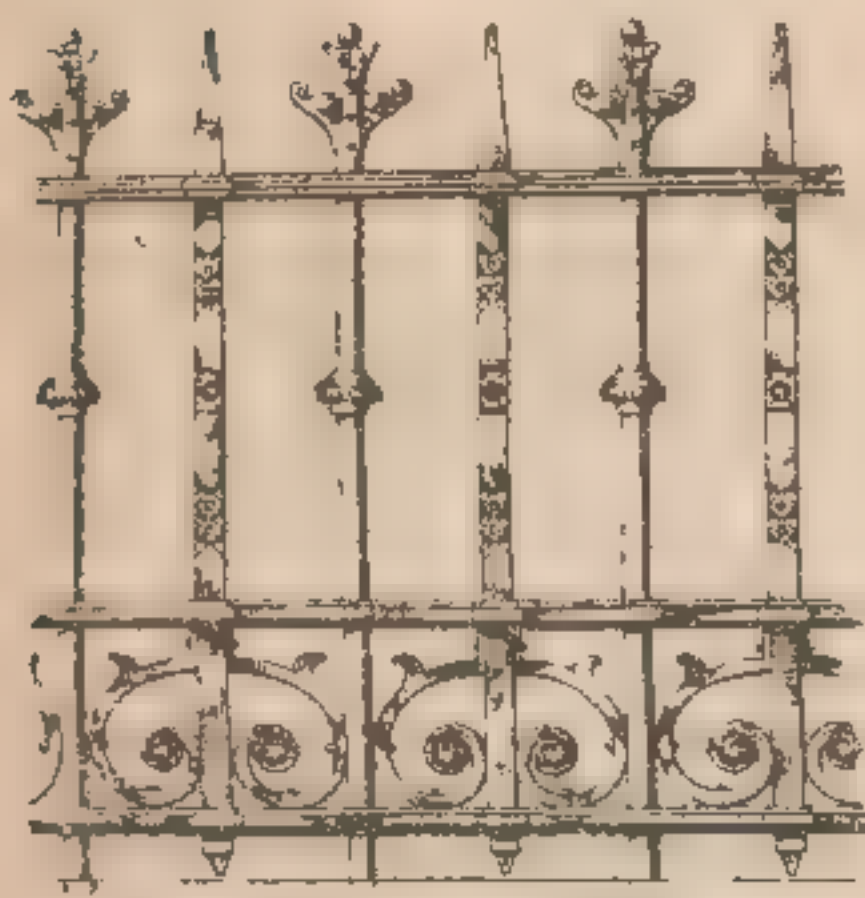
Nº 1074



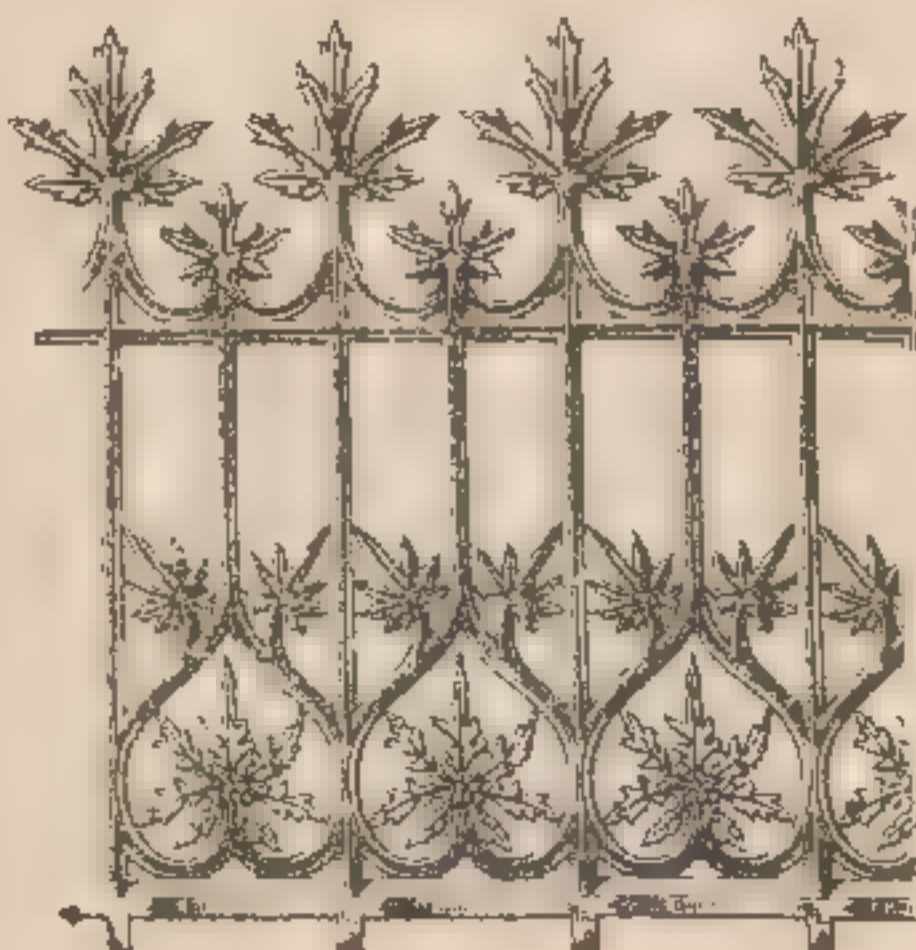
Nº 43



Nº 867



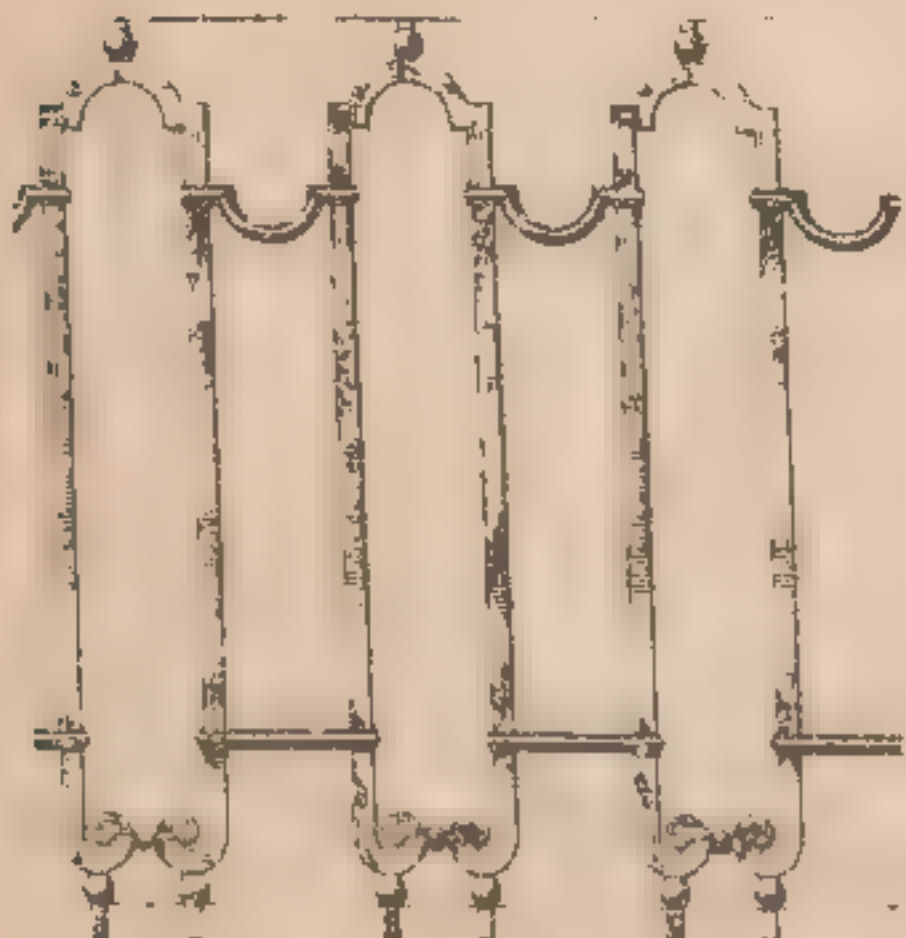
Nº 65



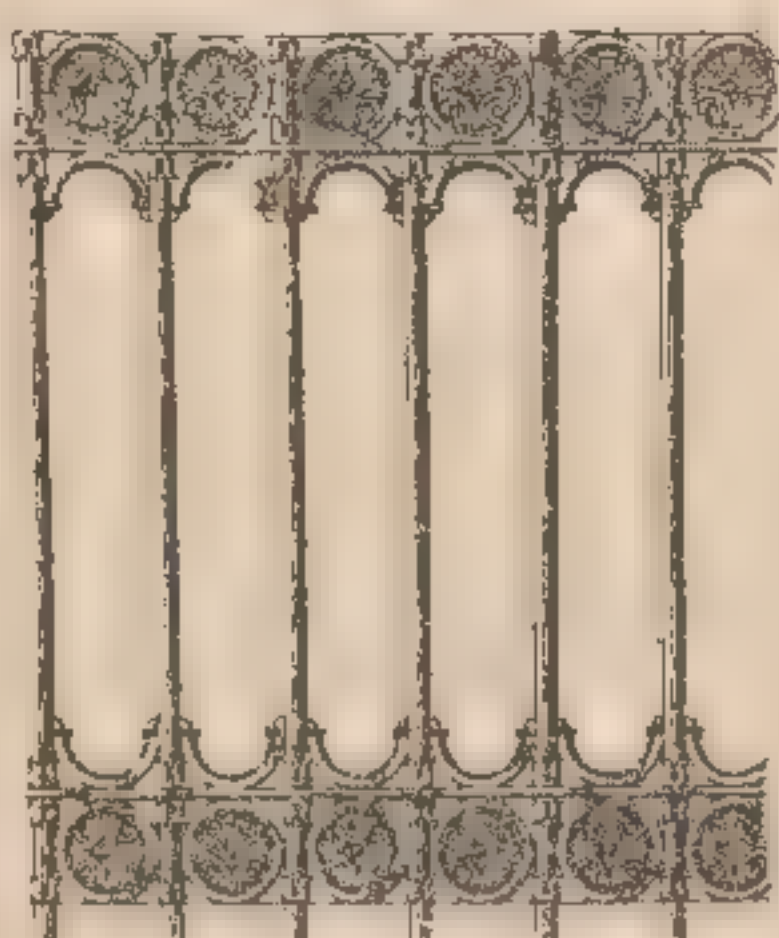
Nº 23



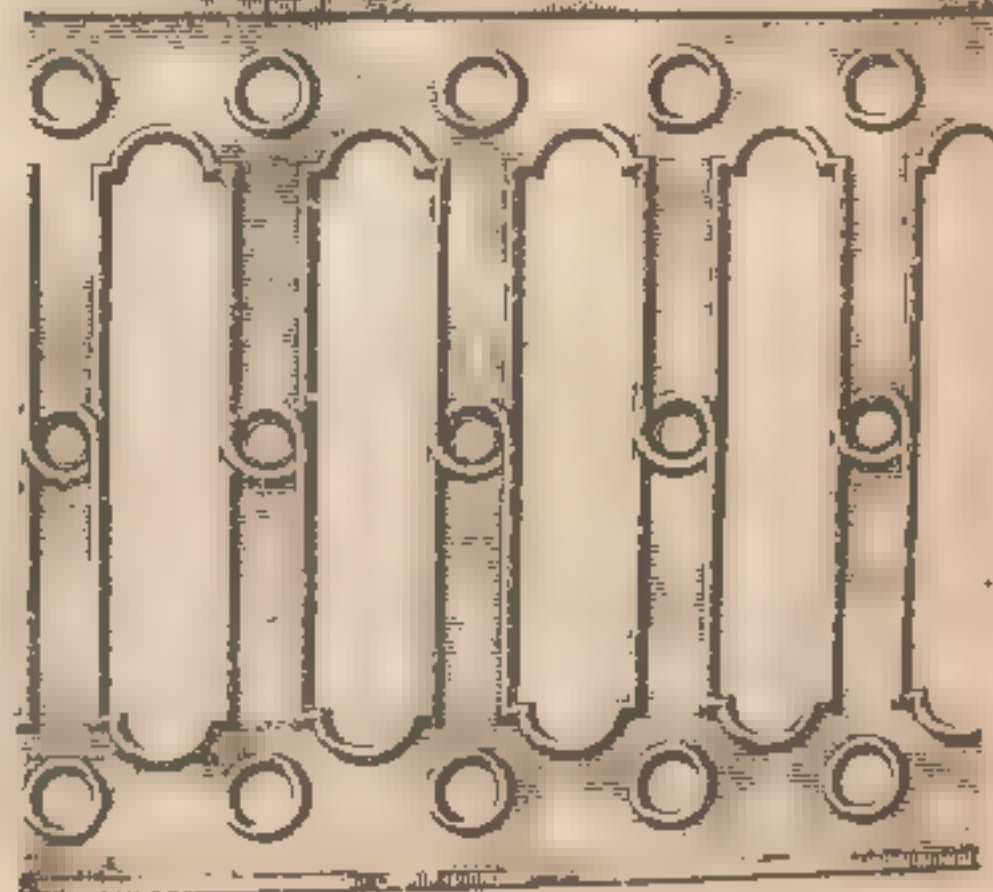
Nº 380



Nº 375



Nº 327



SCALE

4 FEET

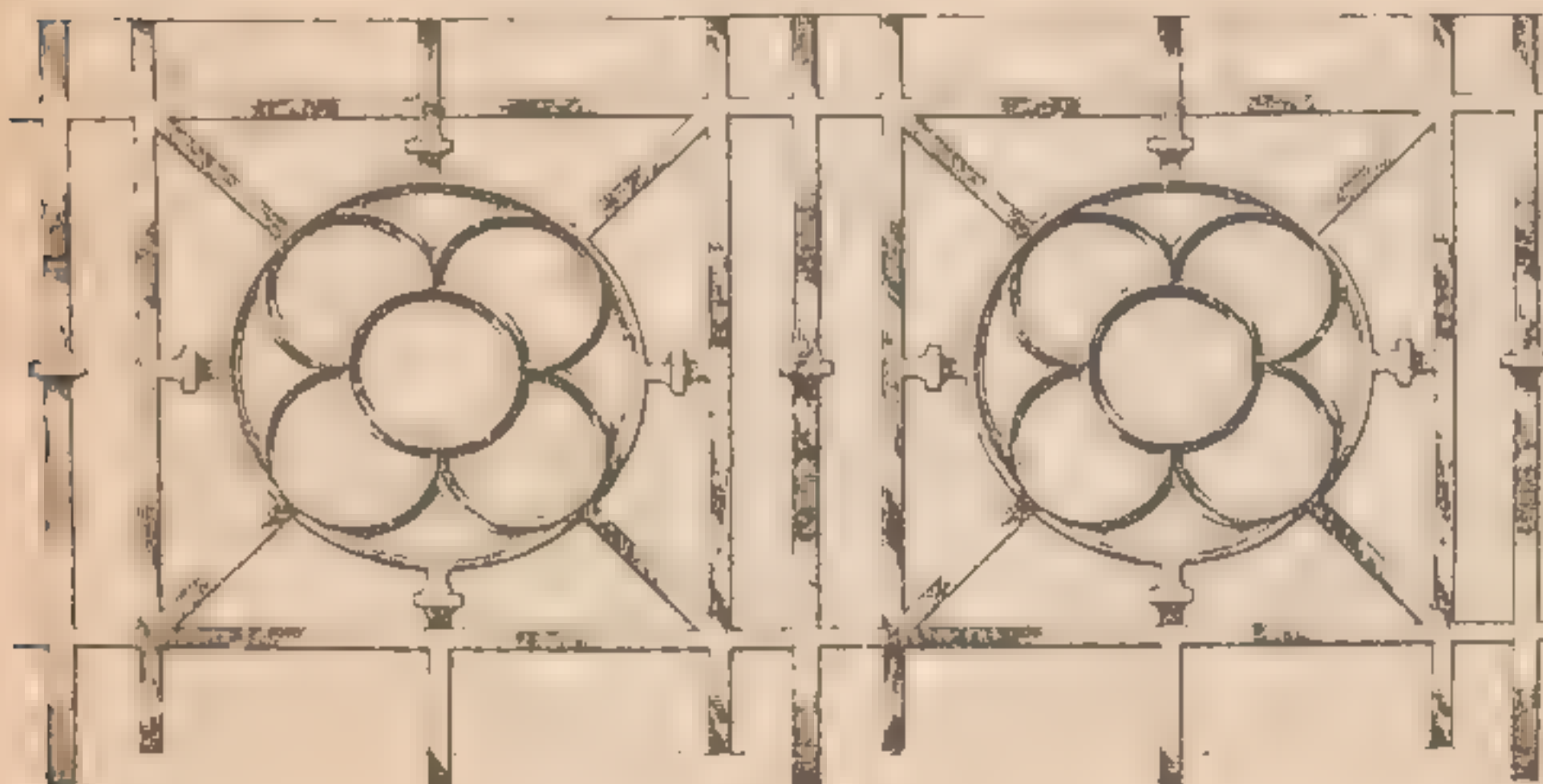
Nº 970



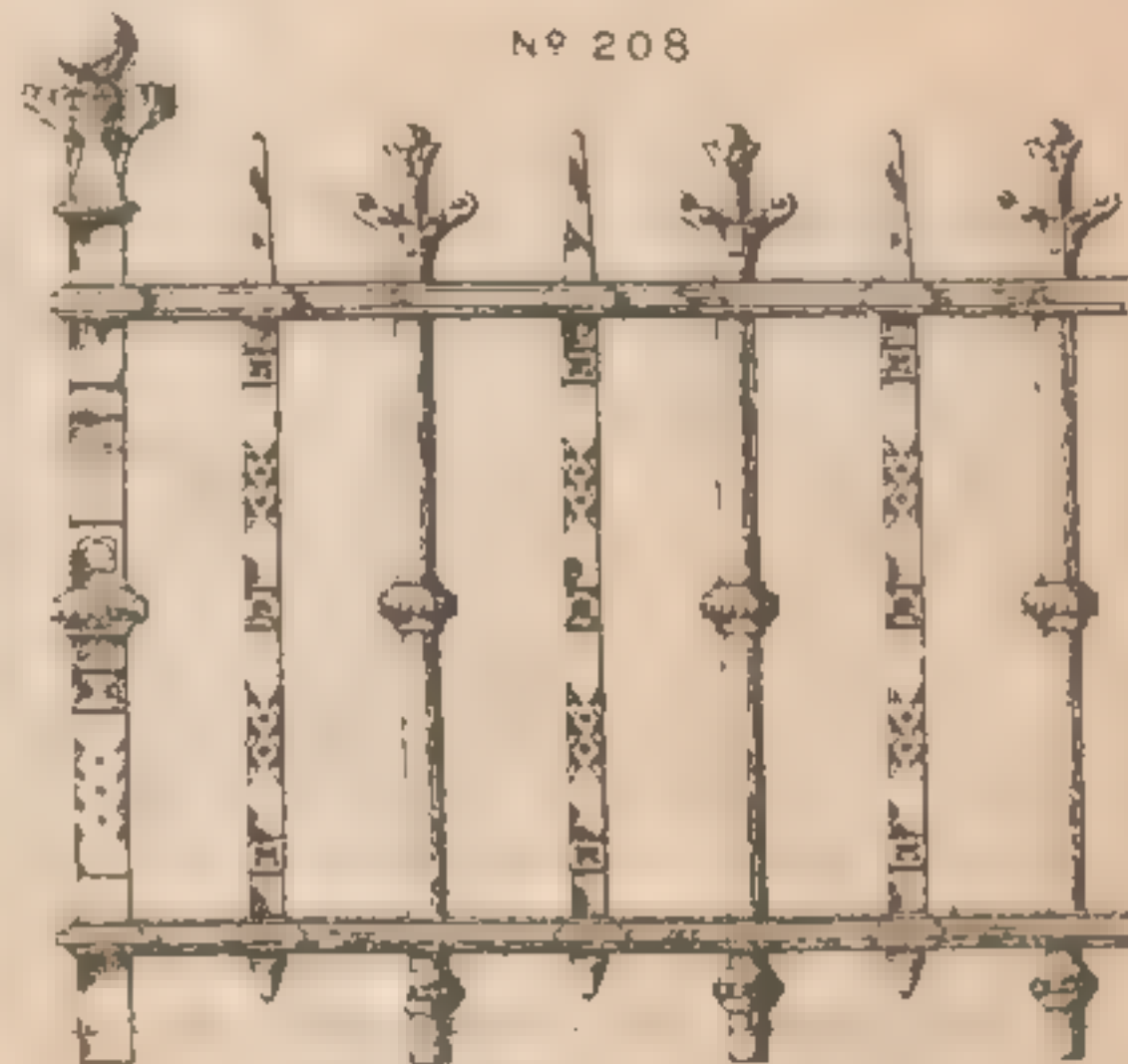
Nº 969



Nº 159

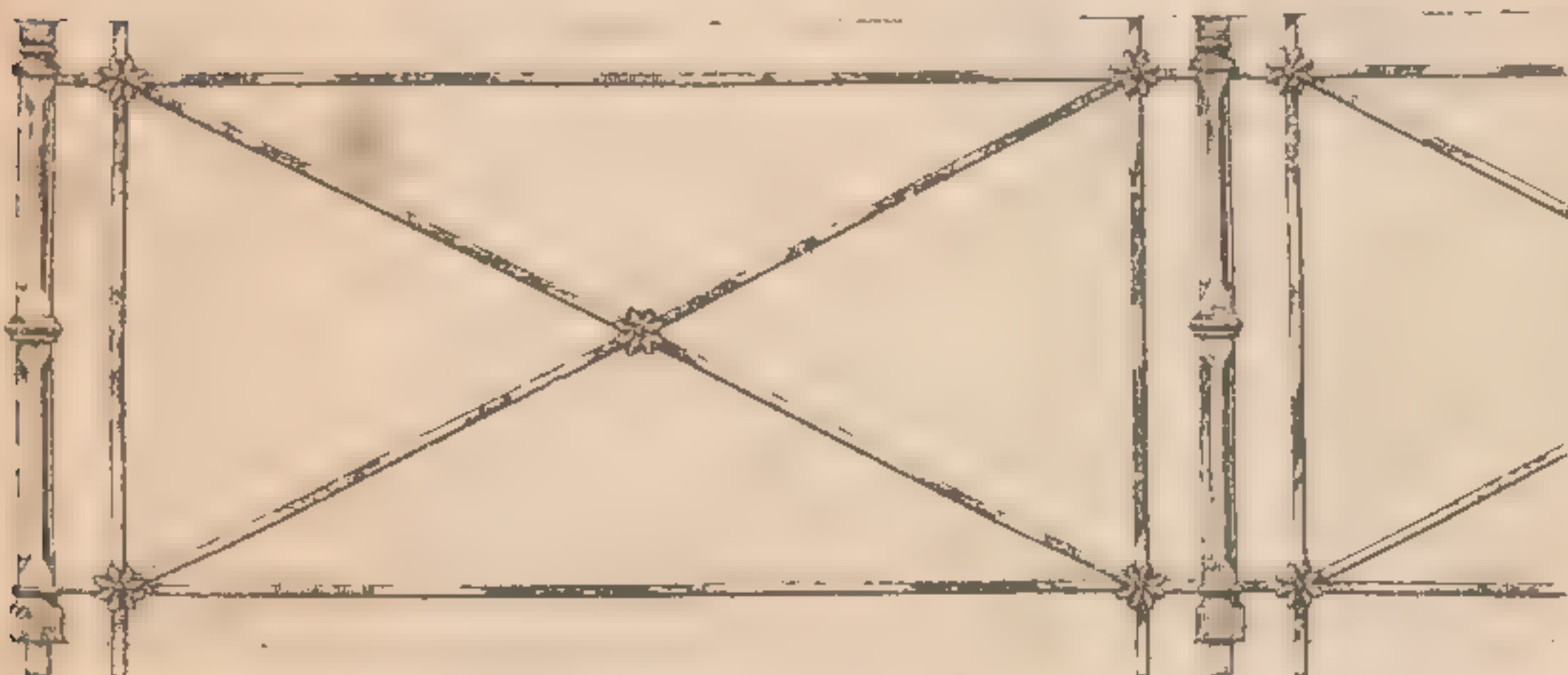


Nº 208

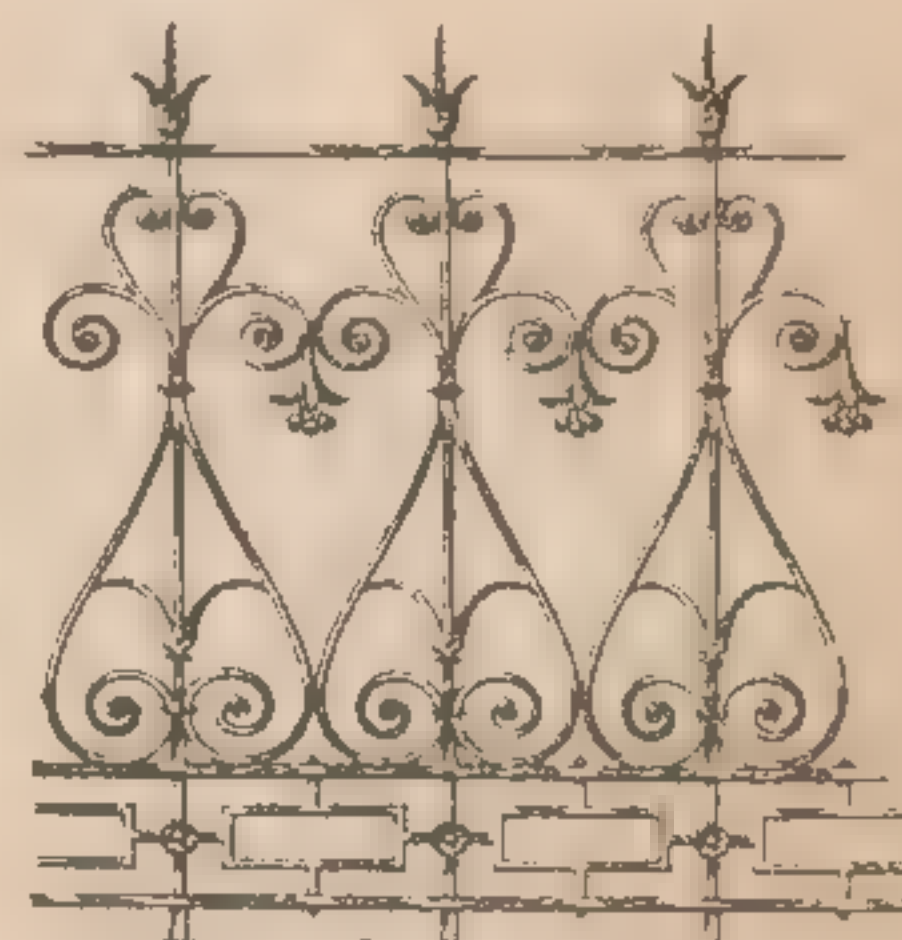


Main Standards priced separately

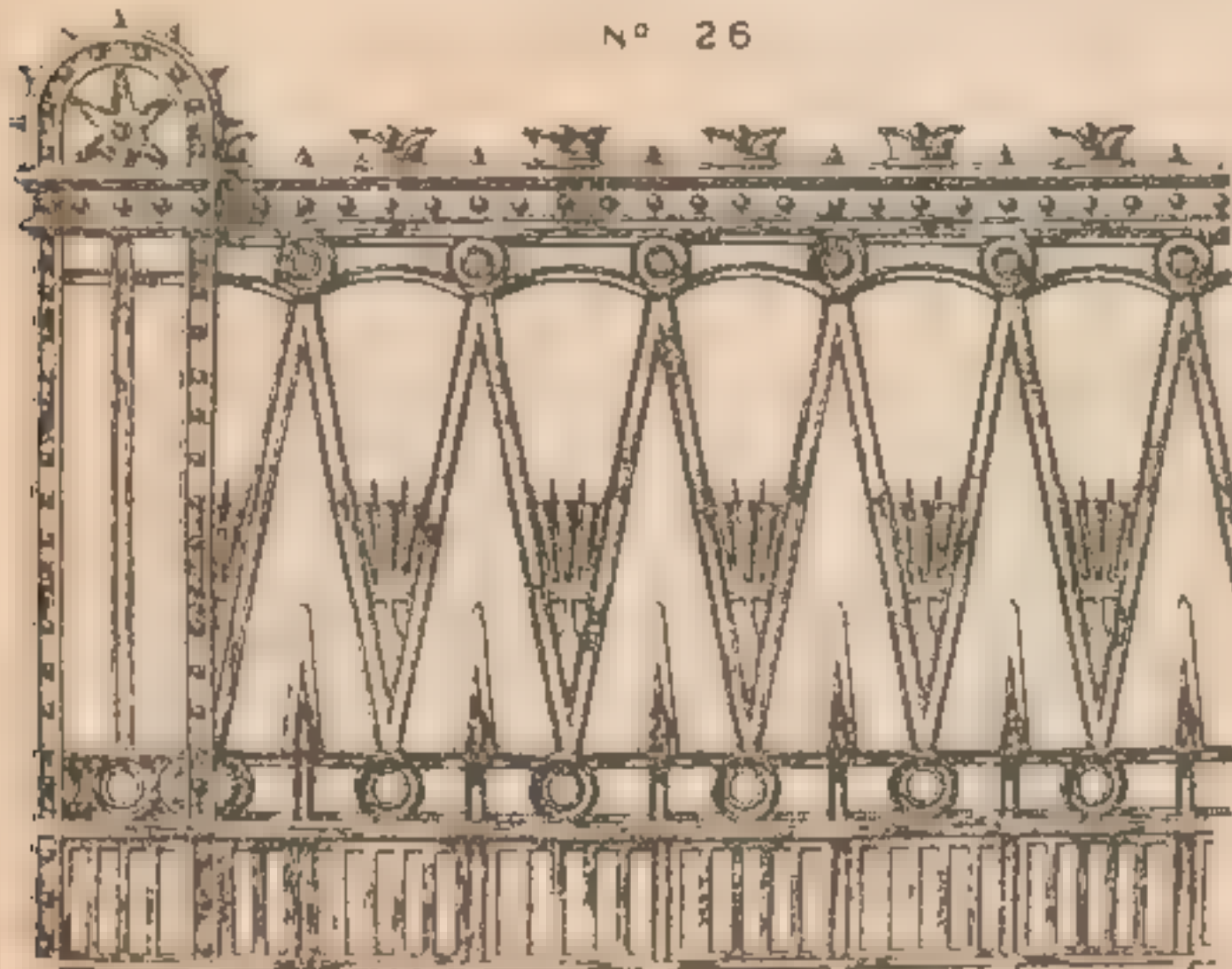
Nº 429



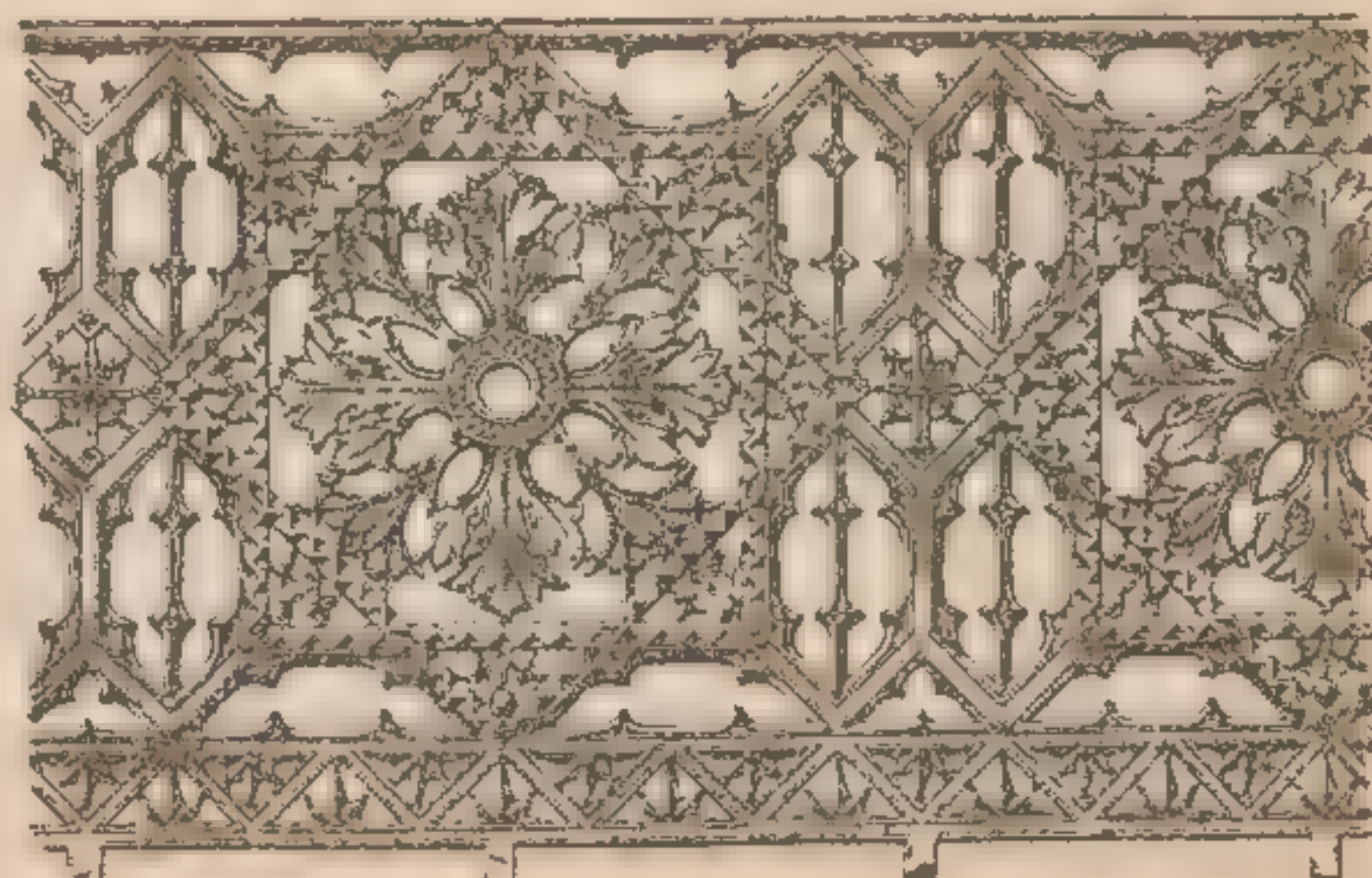
Nº 213



Nº 26



Nº 85

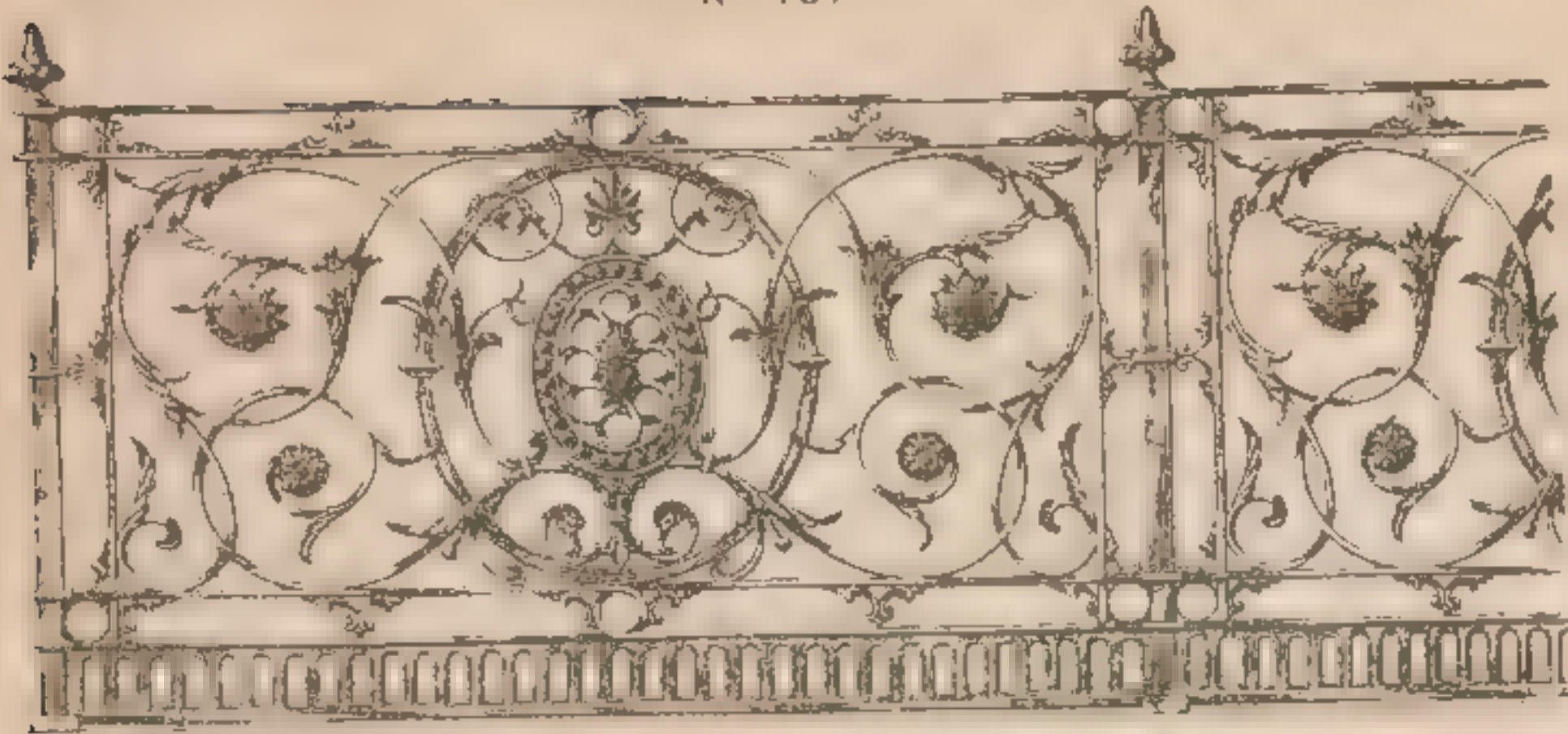


Main Standards priced separately

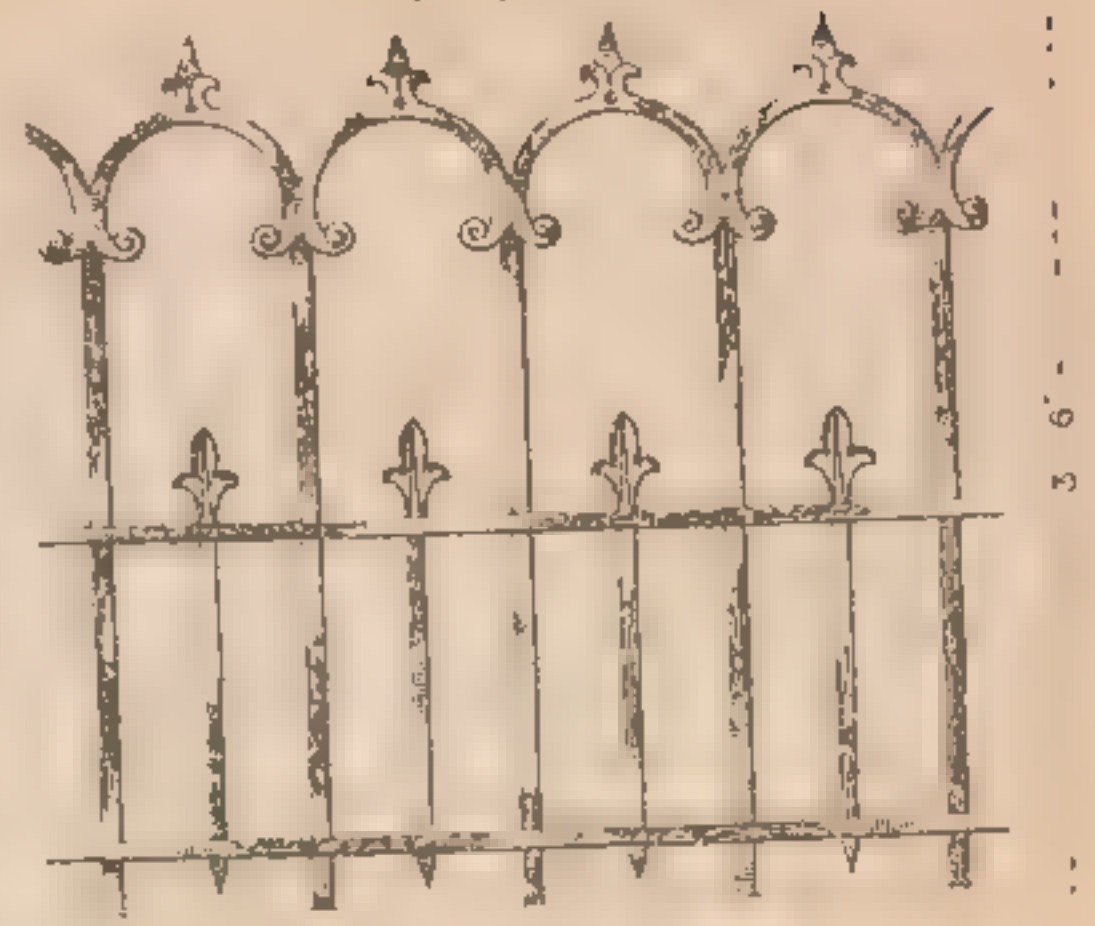
SCALE

2 3 4 FEET

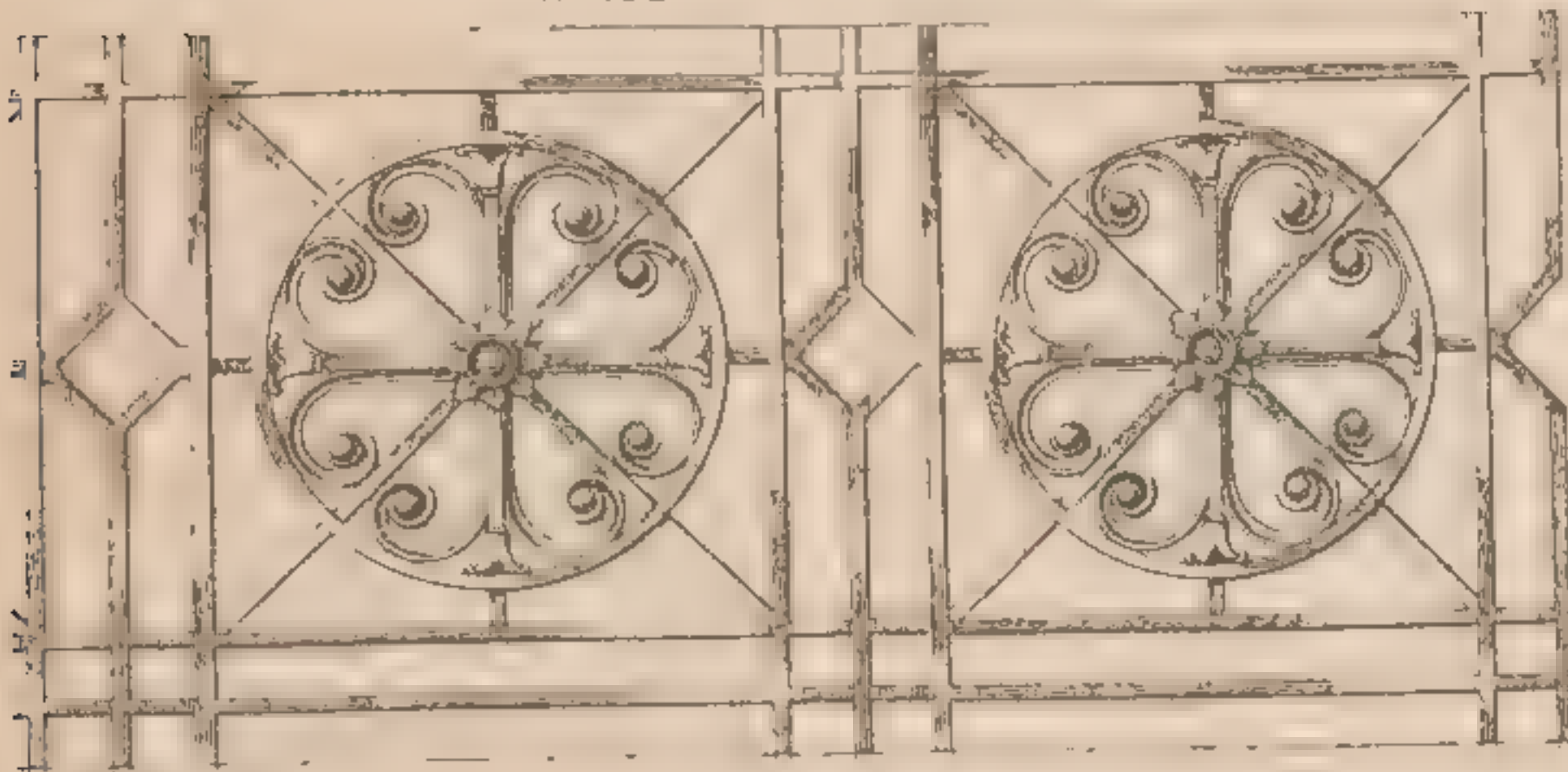
Nº 437



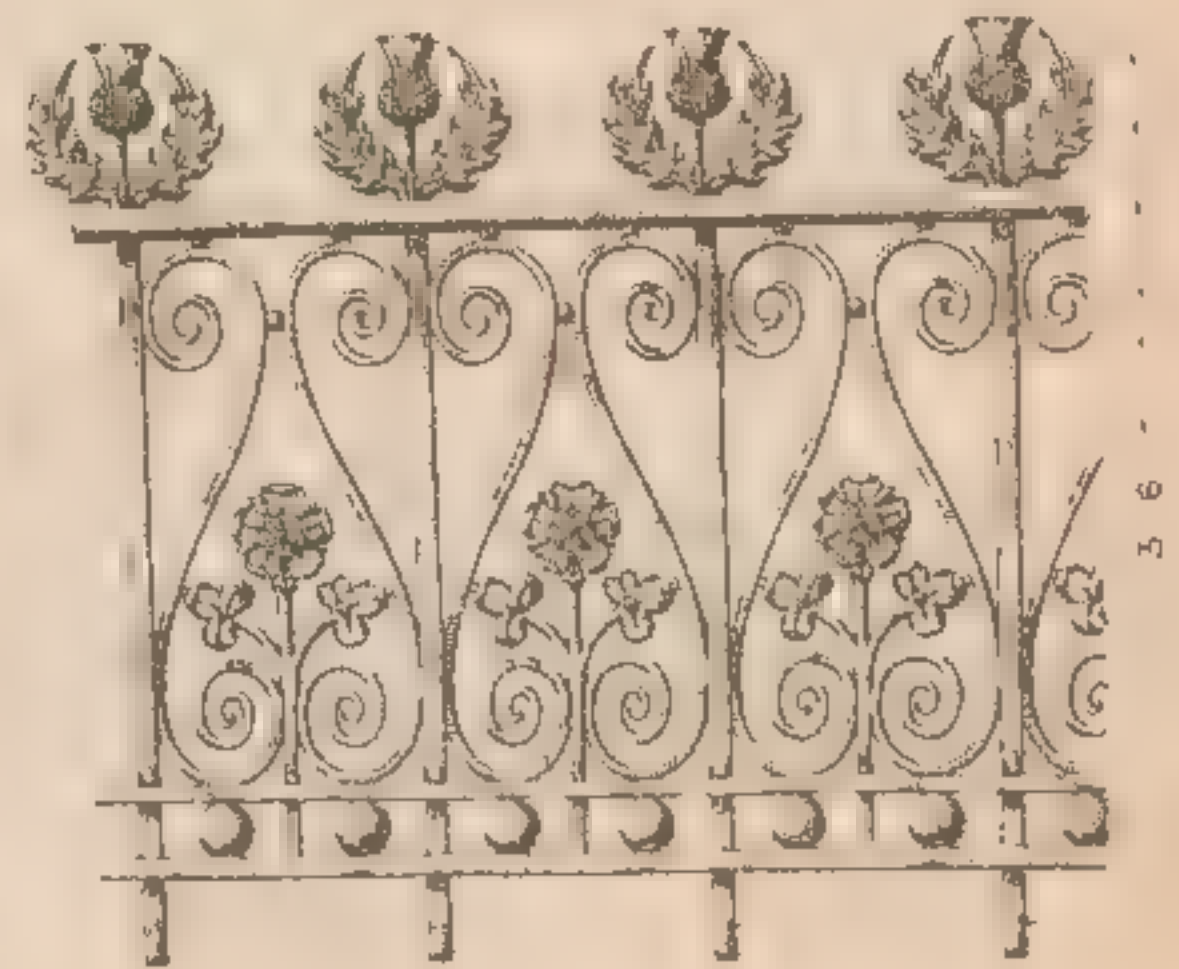
Nº 973



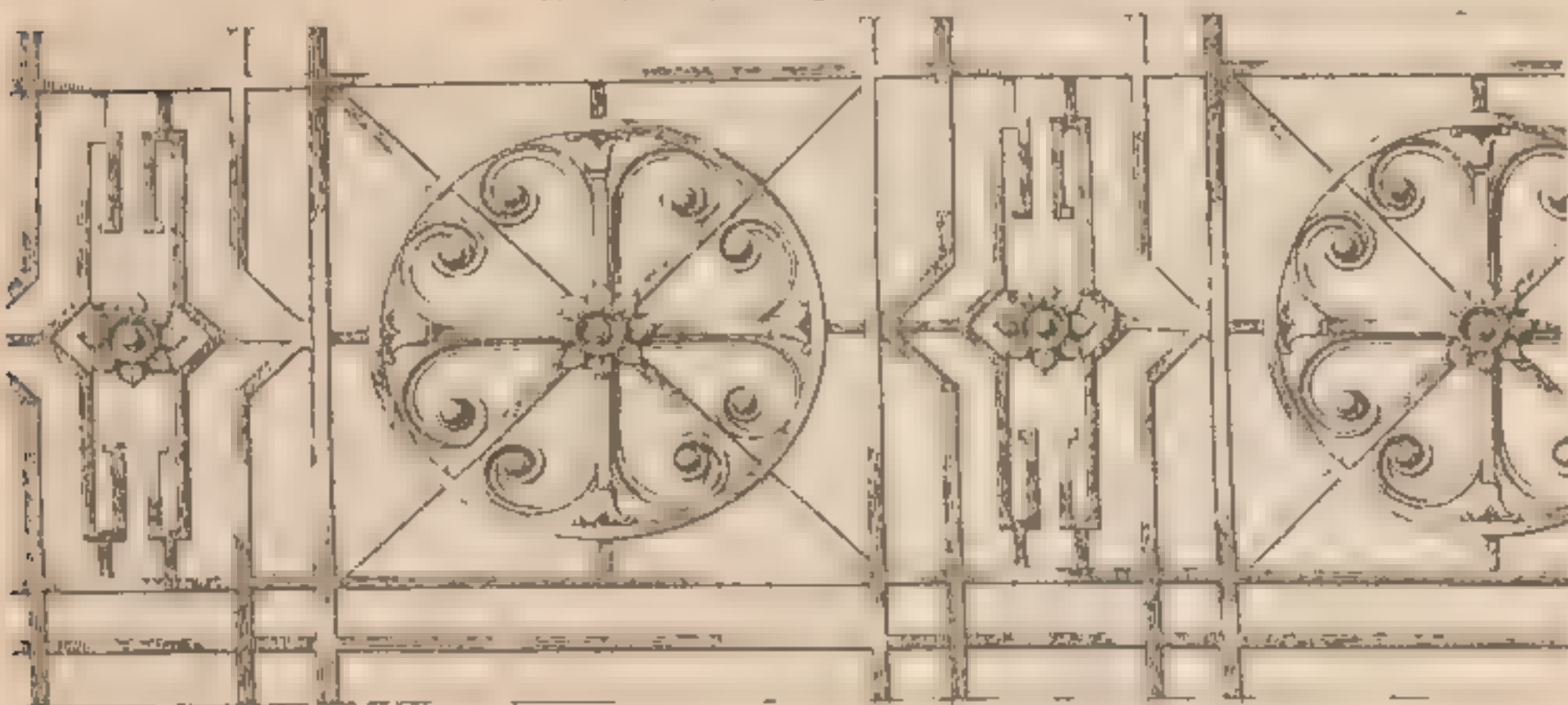
Nº 132 - 3 3" BETWEEN CENTRES



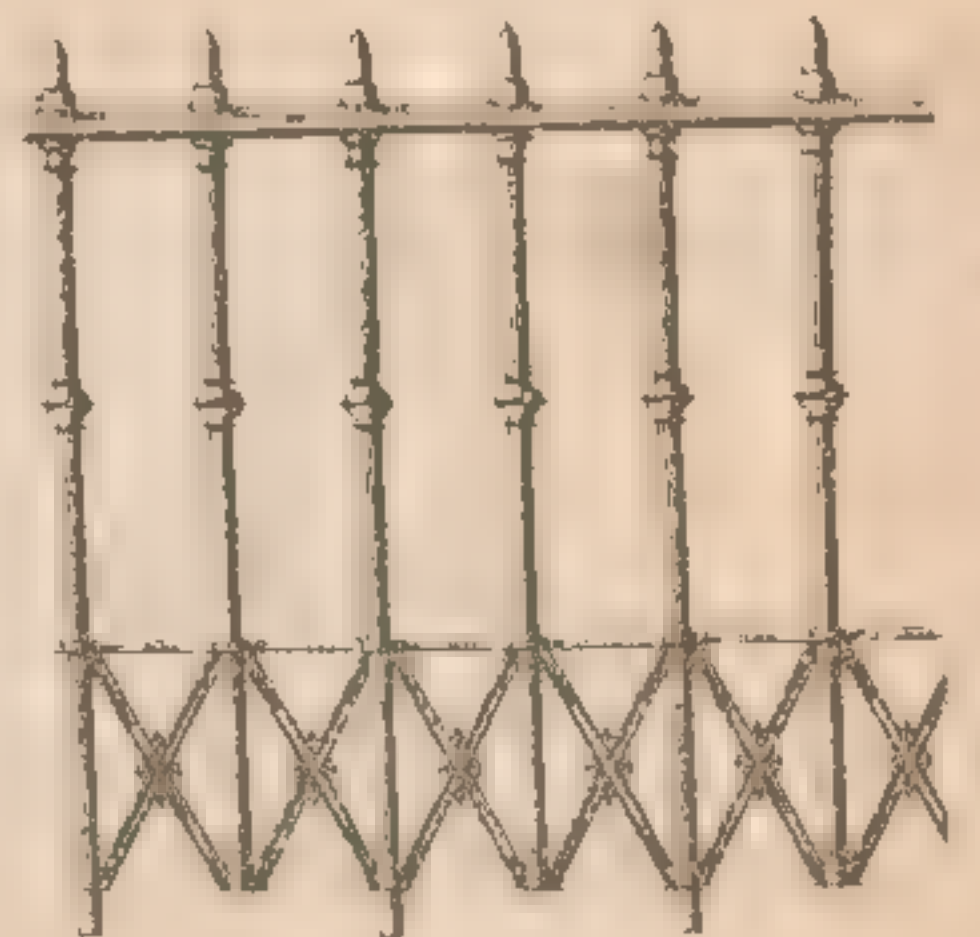
Nº 51



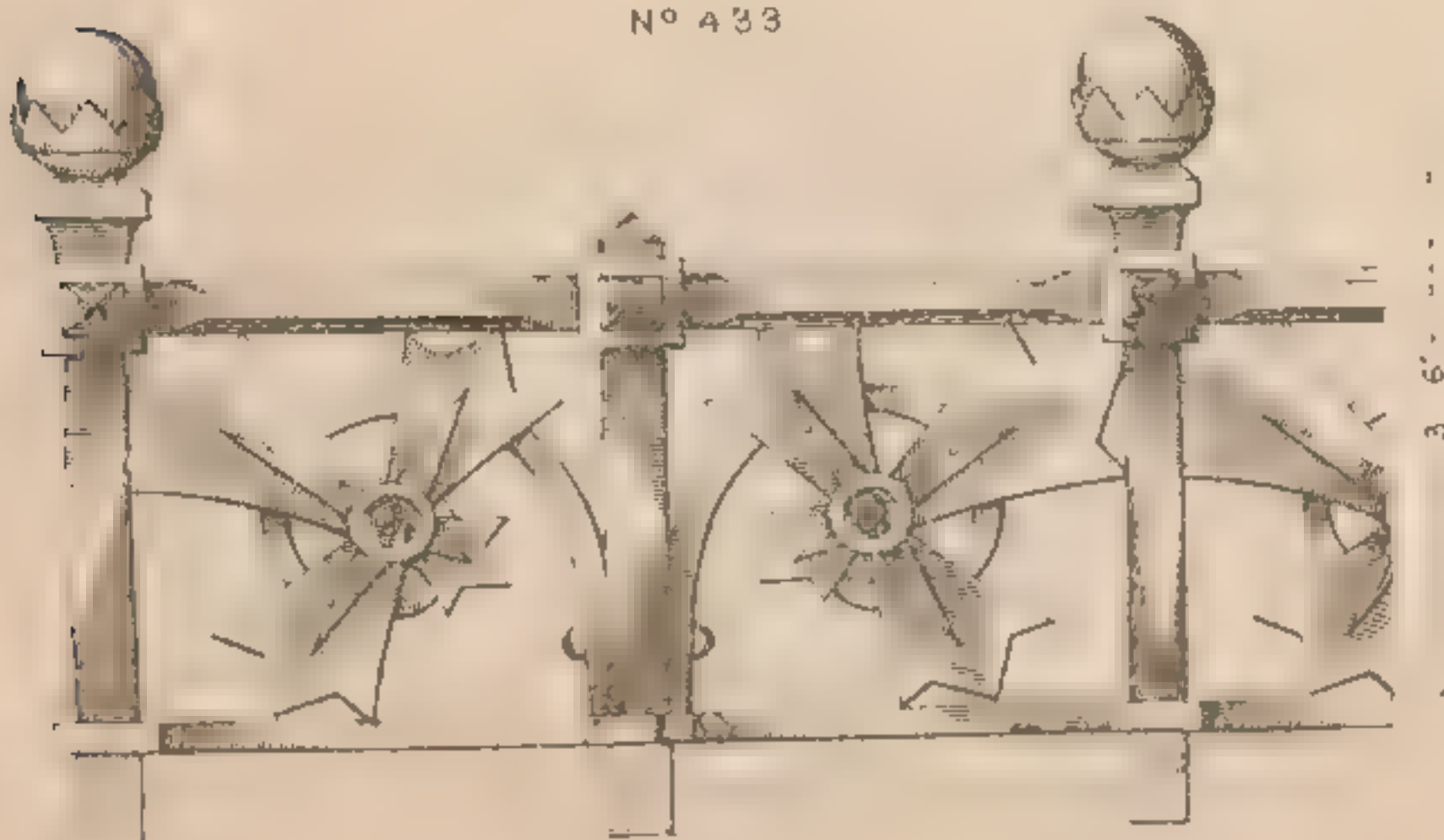
Nº 32 - 4 2" BETWEEN CENTRES



Nº 390



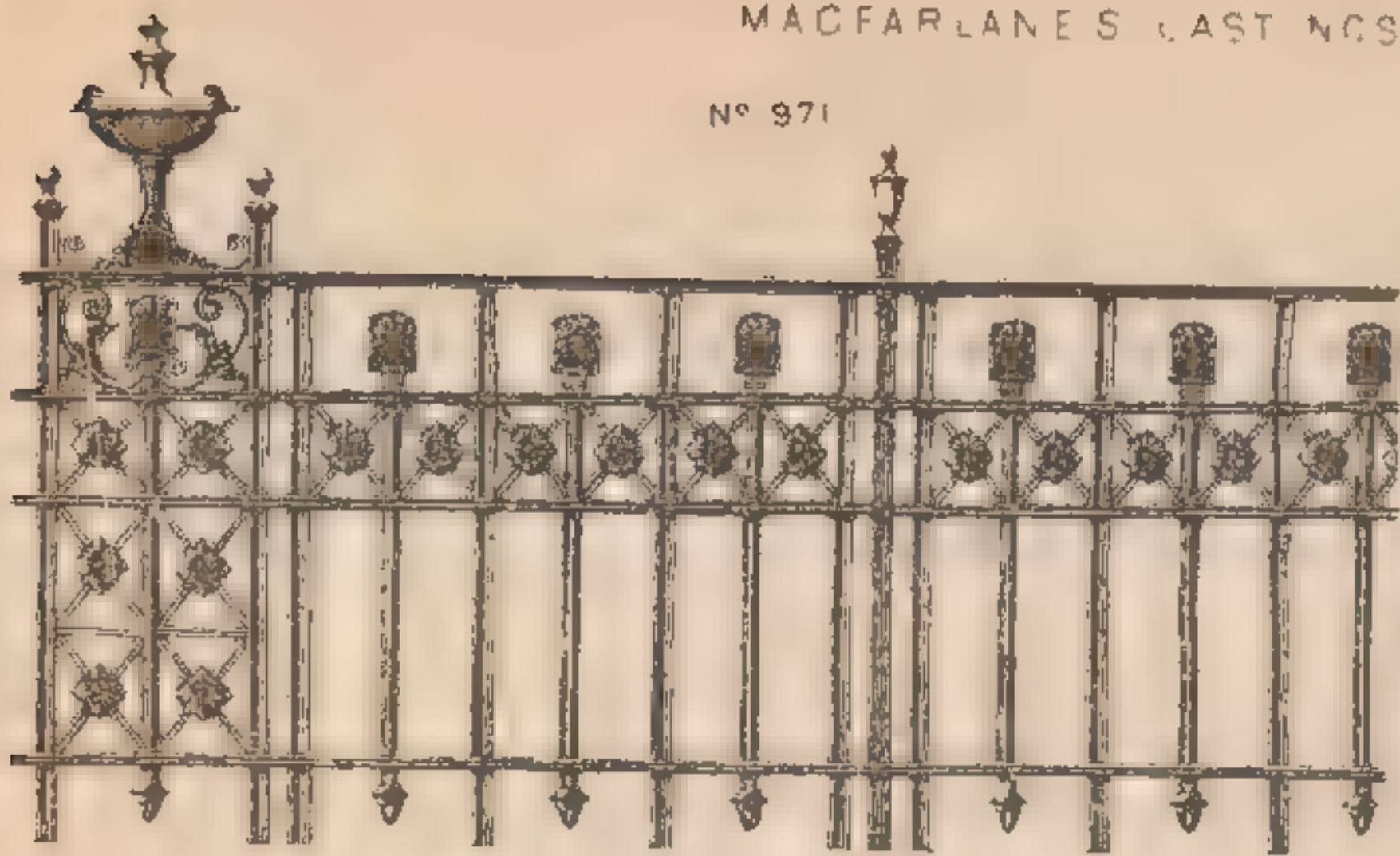
Nº 433



Nº 1130



N° 971

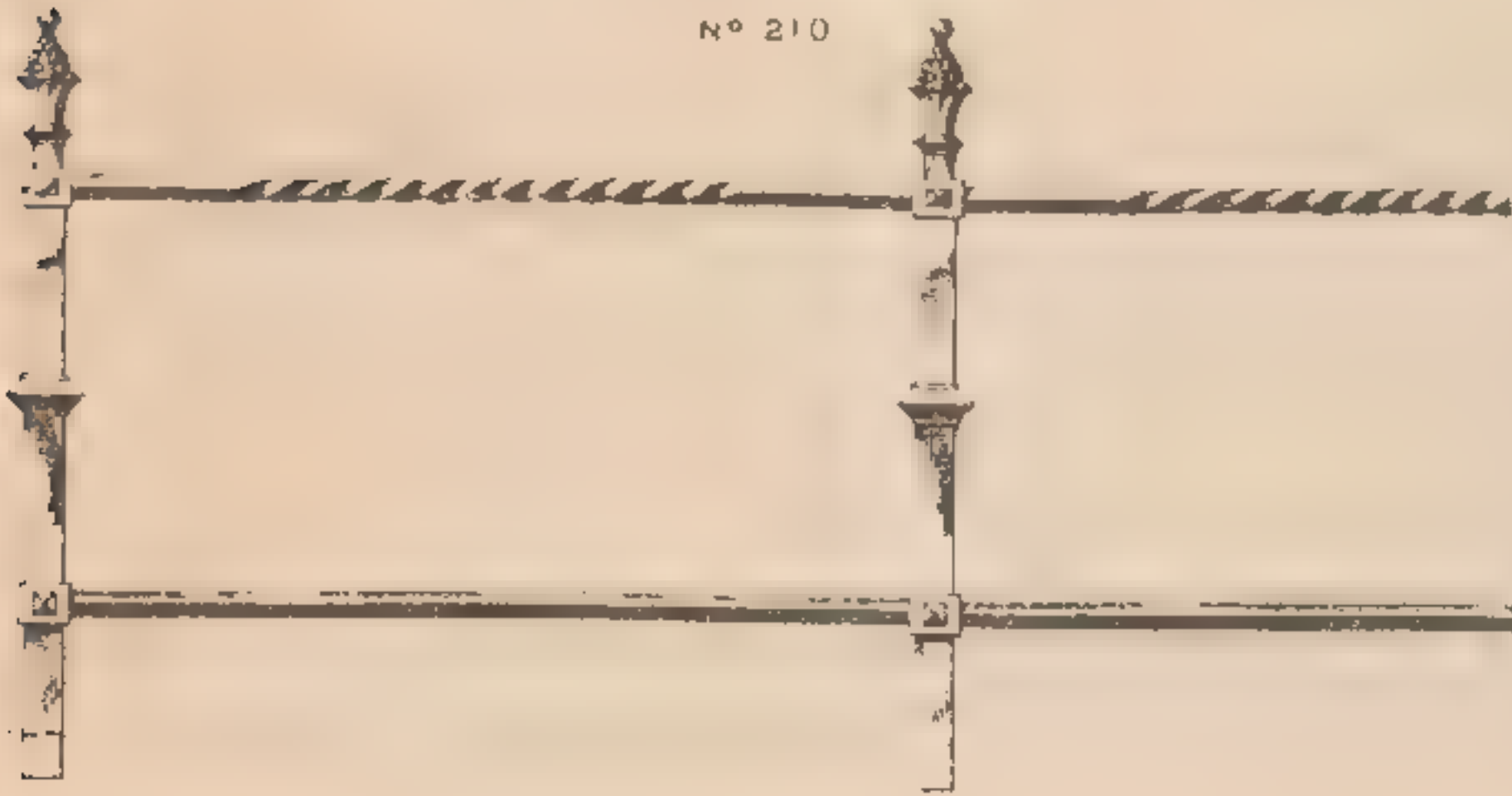


N° 207

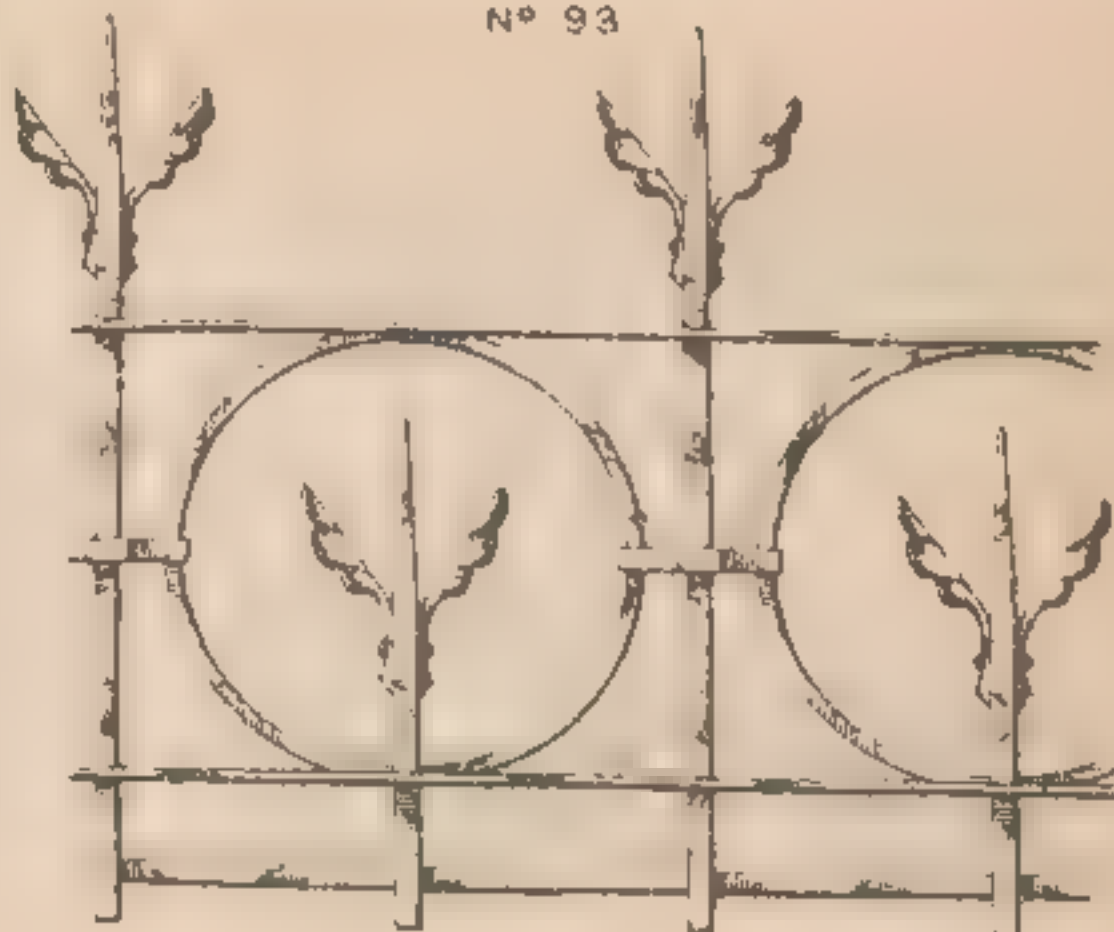


When standard price is paid for

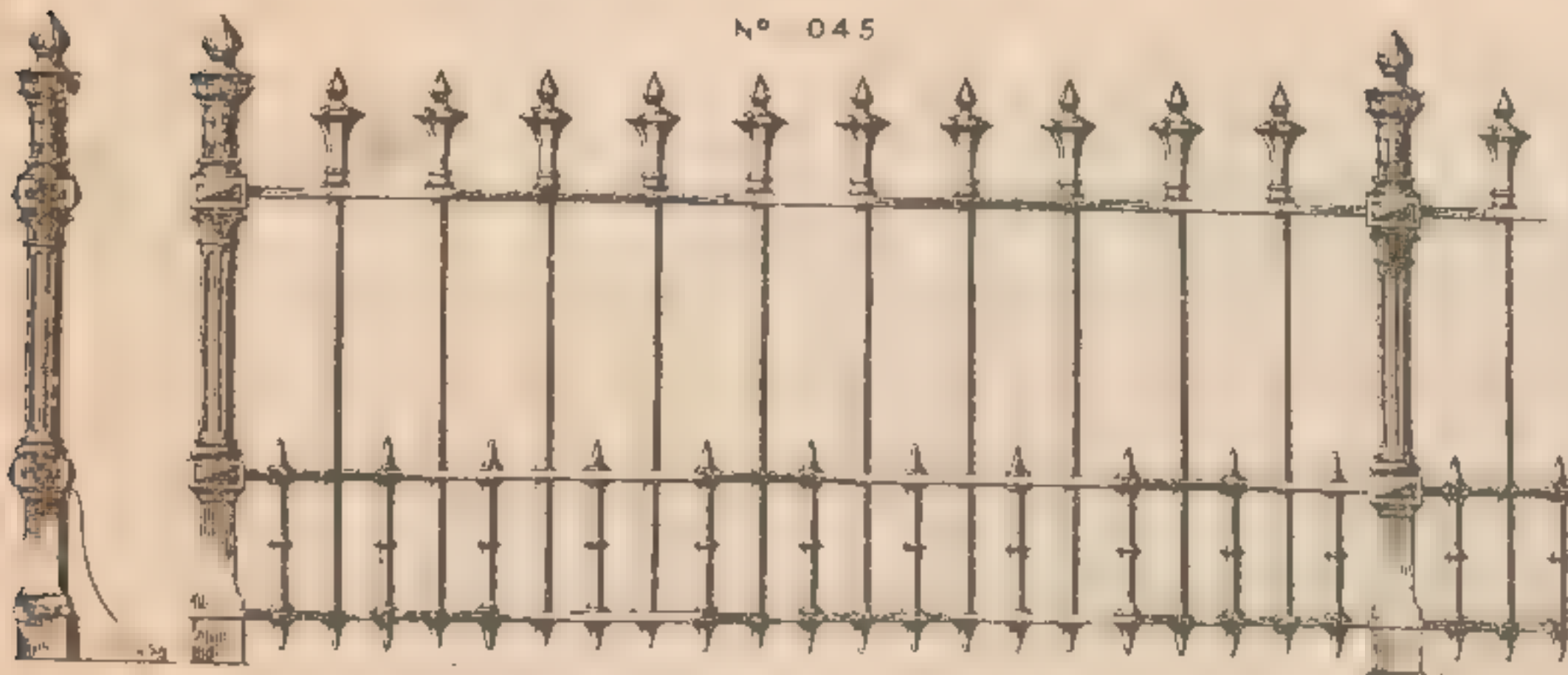
N° 210



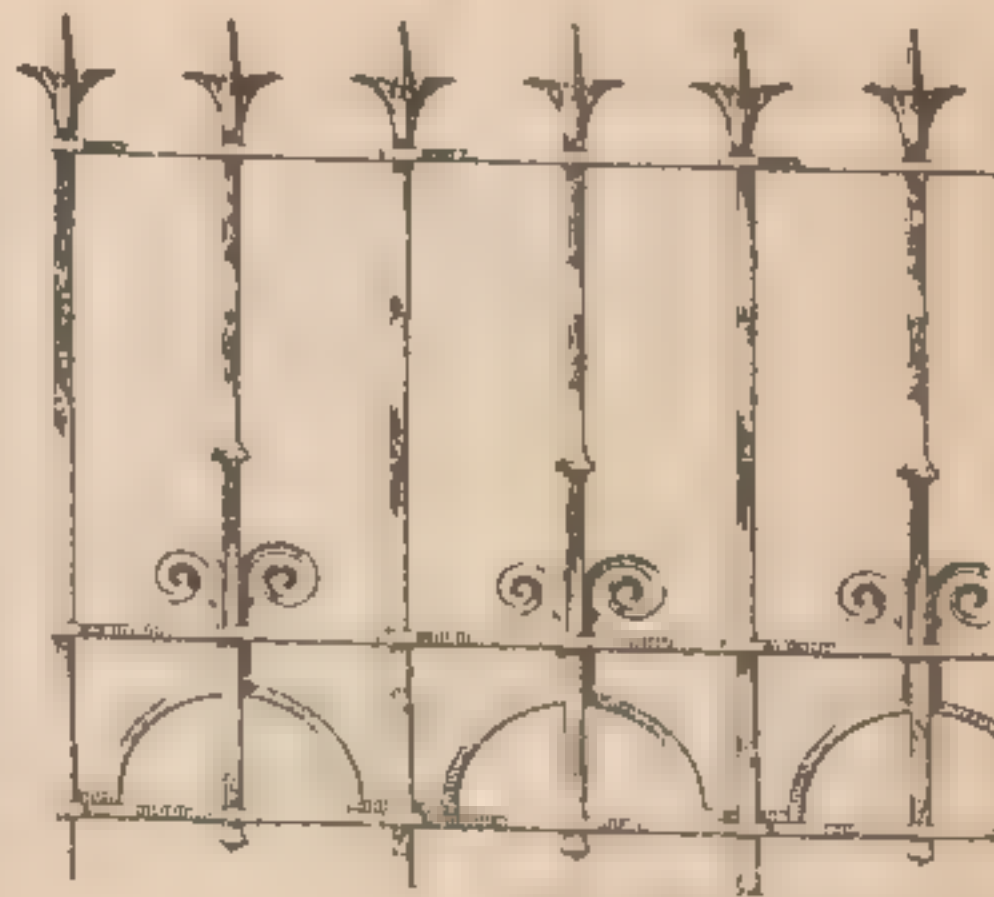
N° 93



N° 045



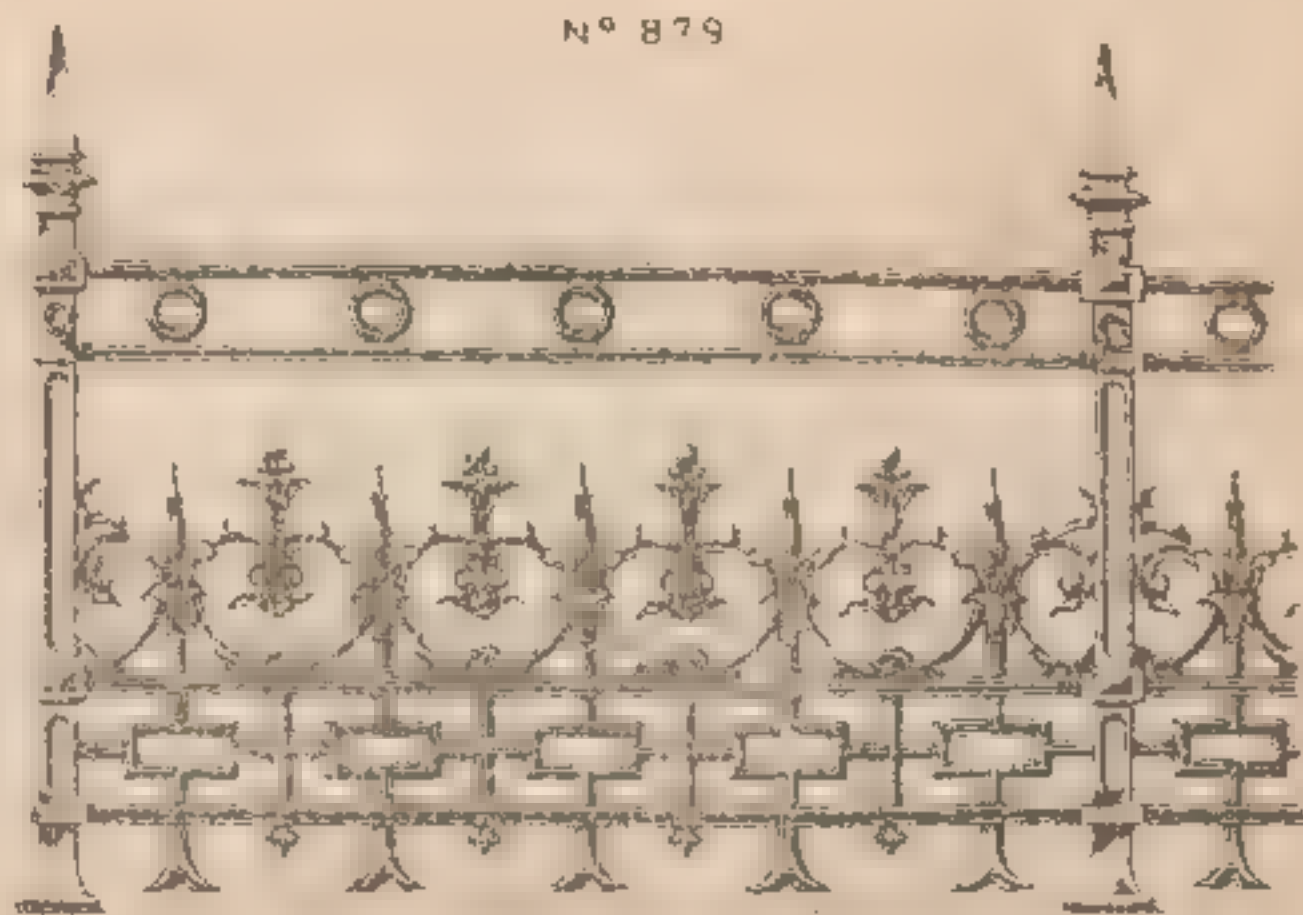
N° 1,39

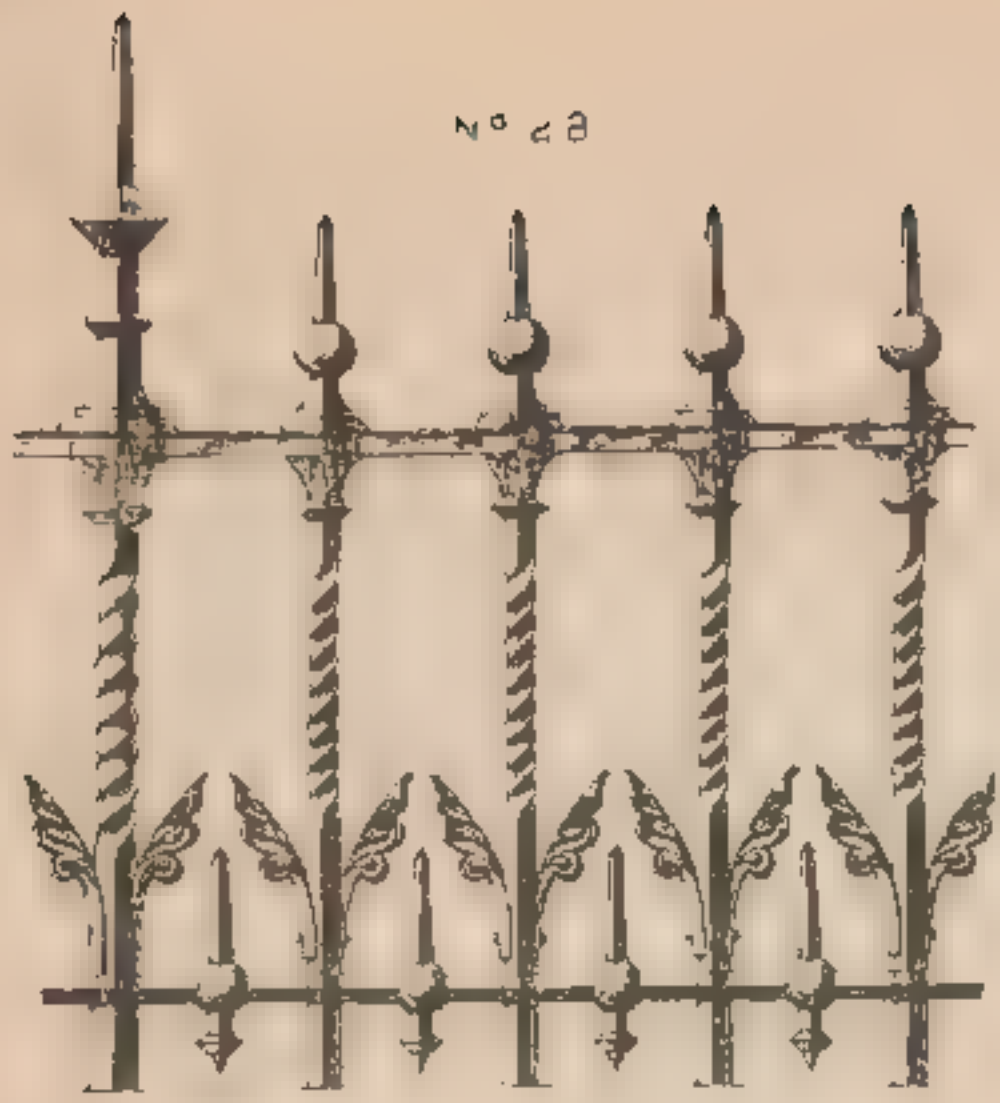


N° 422



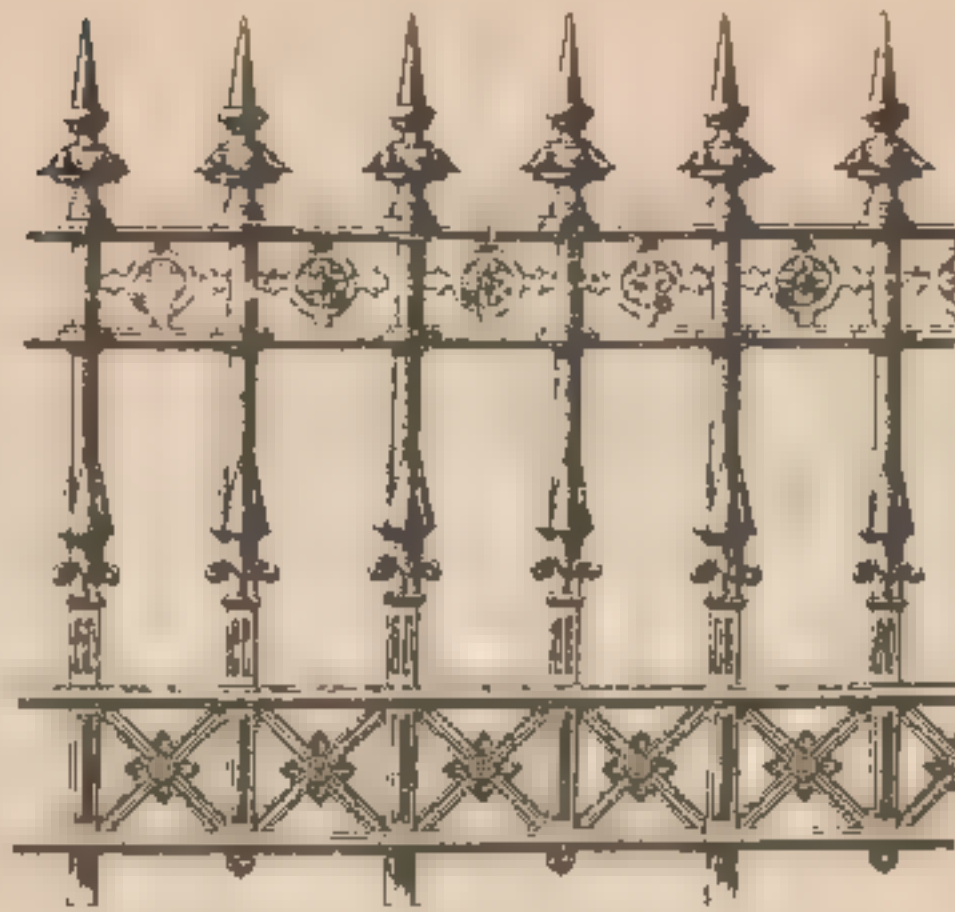
N° 879





No. 22

Main Standard priced separately



No. 1063



No. 384

Main Standard priced separately



No. 997

Main Standard priced separately



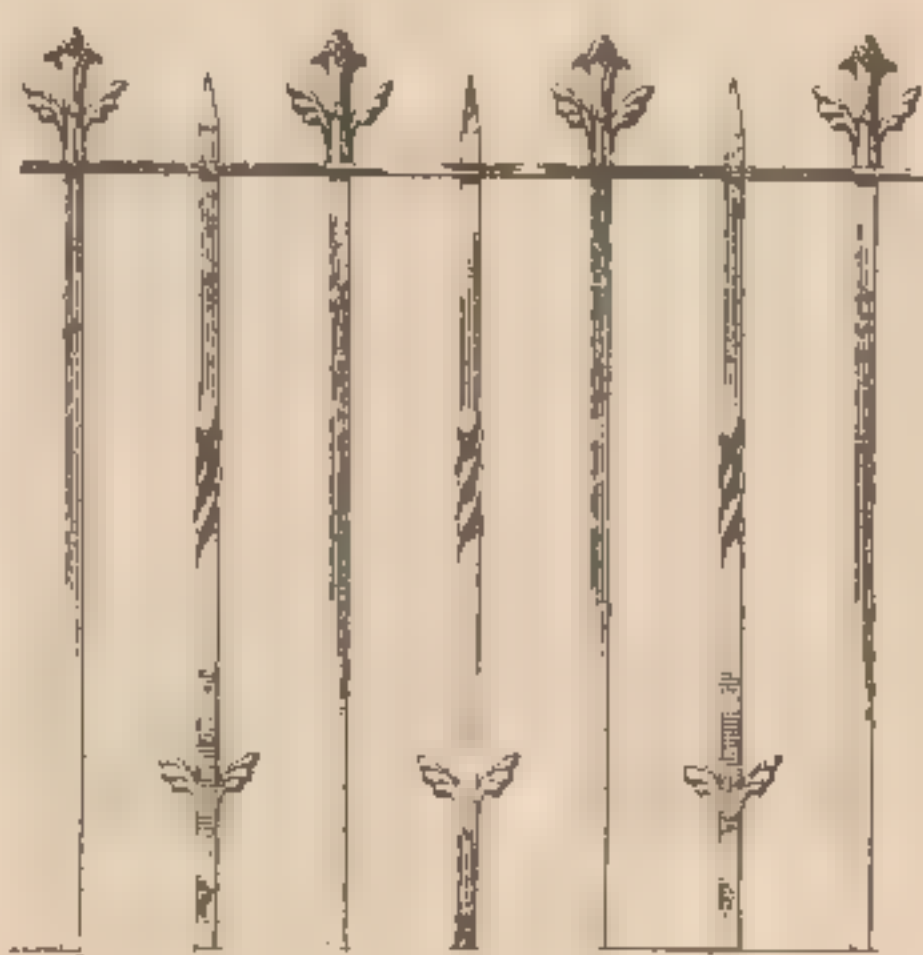
No. 14



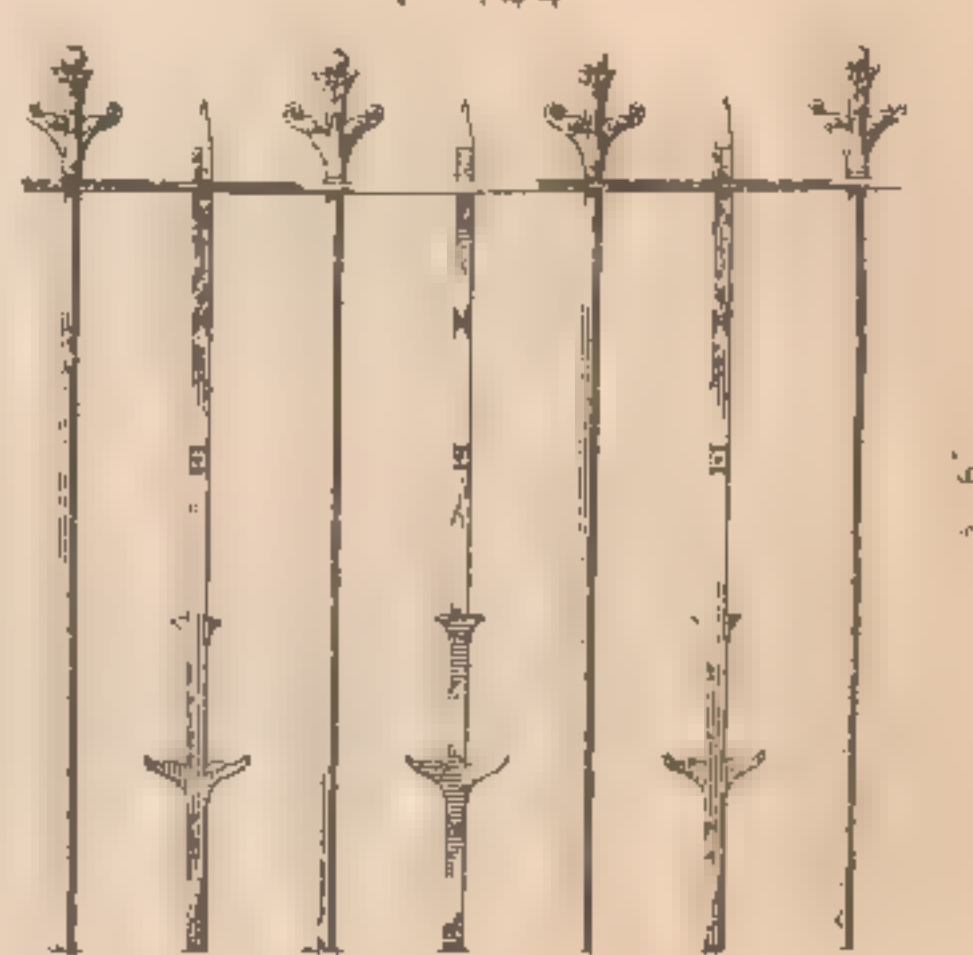
No. 874



No. 4



No. 143



No. 144



No. 036



No. 1022



No. 84

Nº 21



Nº 457



Nº 22



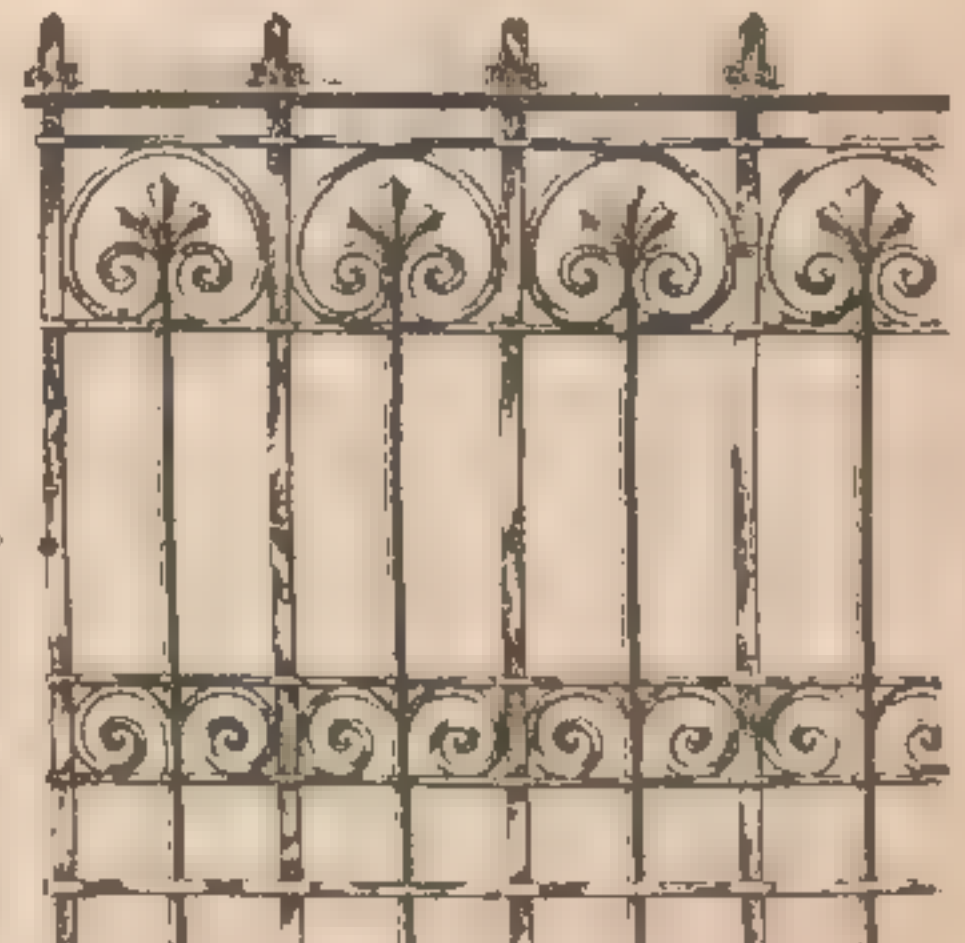
Nº 838



Nº 923



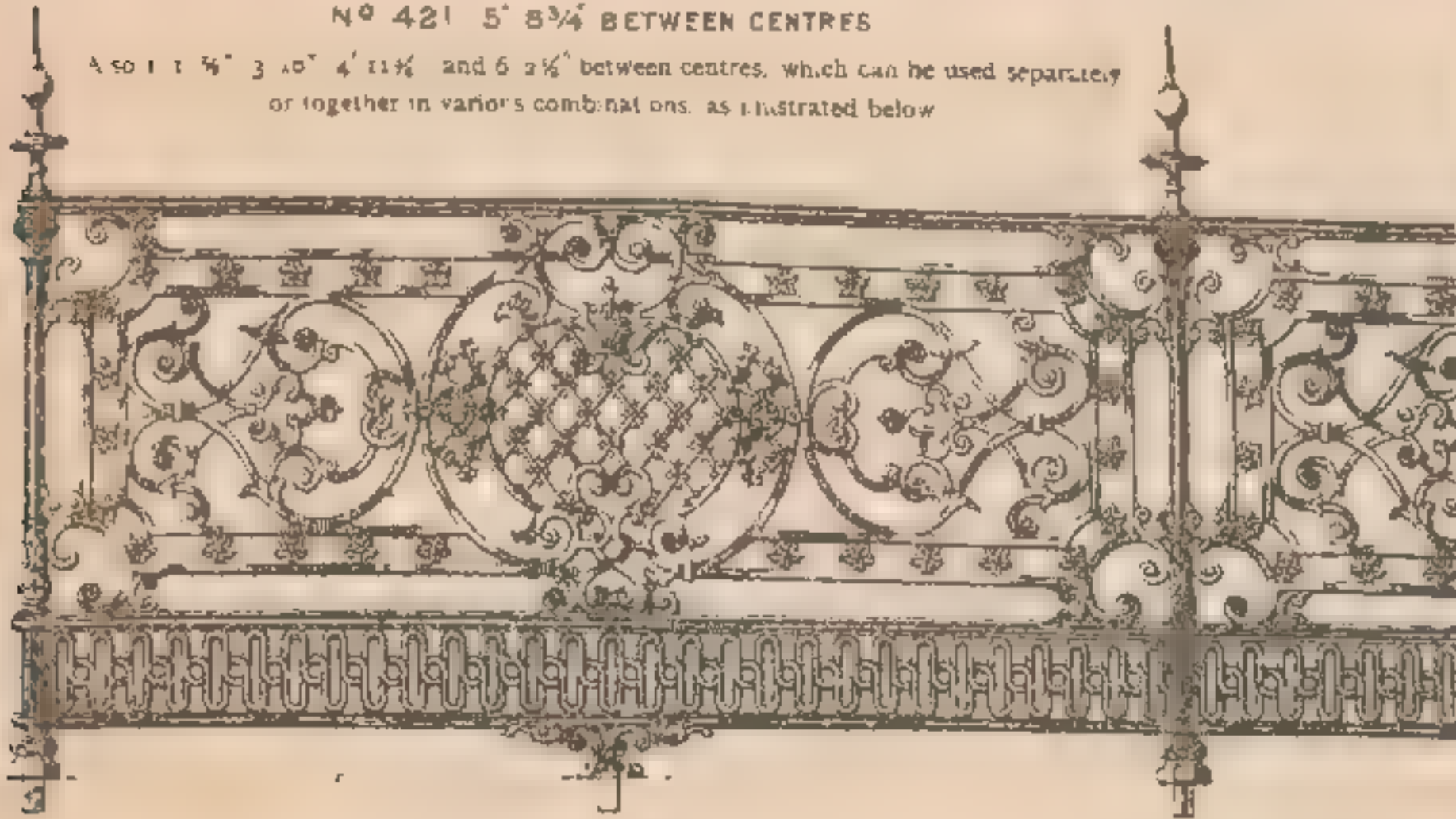
Nº 945



Main Standard priced separately

Nº 421 5' 8 3/4" BETWEEN CENTRES

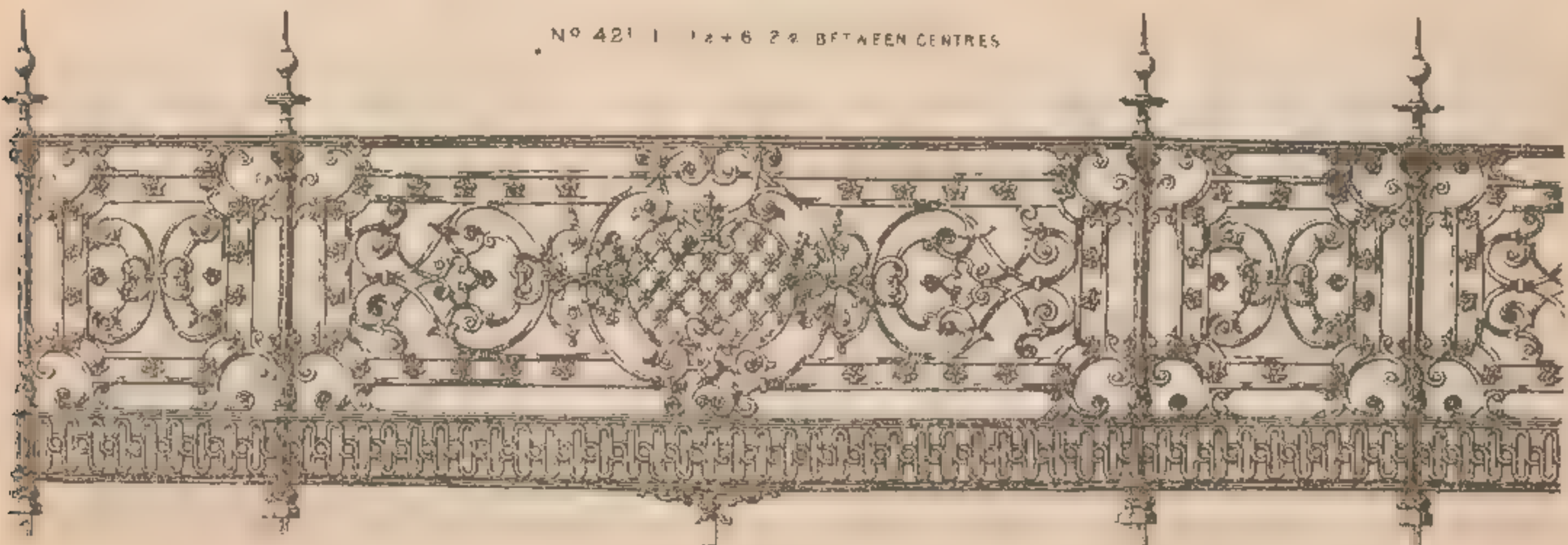
Also 1 1/4" 3' 10" 4' 11 1/2" and 6' 2 1/2" between centres, which can be used separately or together in various combinations, as illustrated below



Nº 83



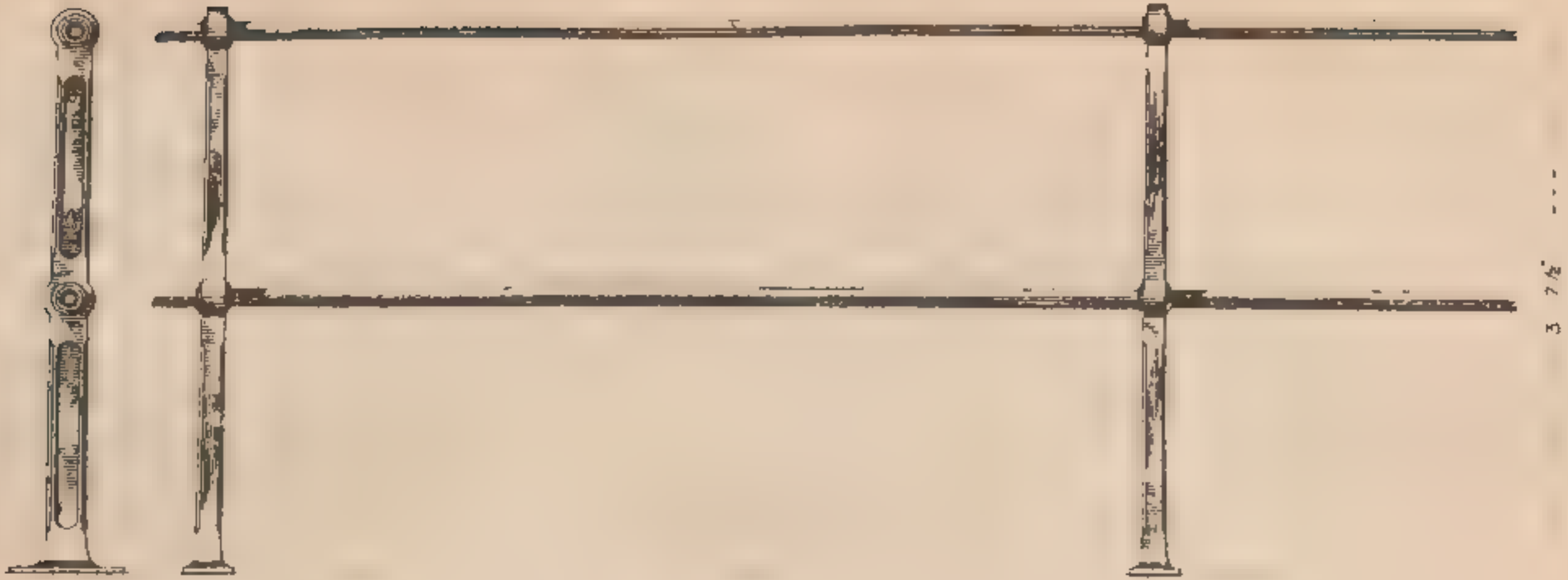
Nº 421 1 1/2 + 6 2 1/2" BETWEEN CENTRES



SCALE



N° 953



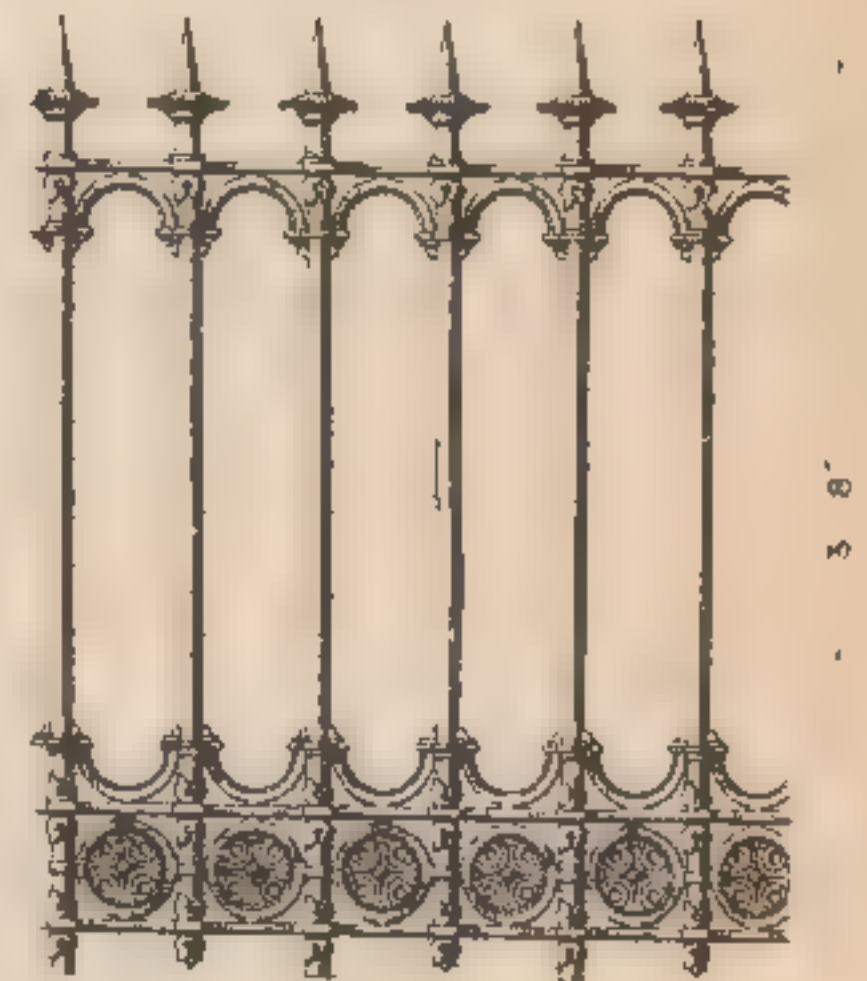
N° 19



N° 809



N° 375

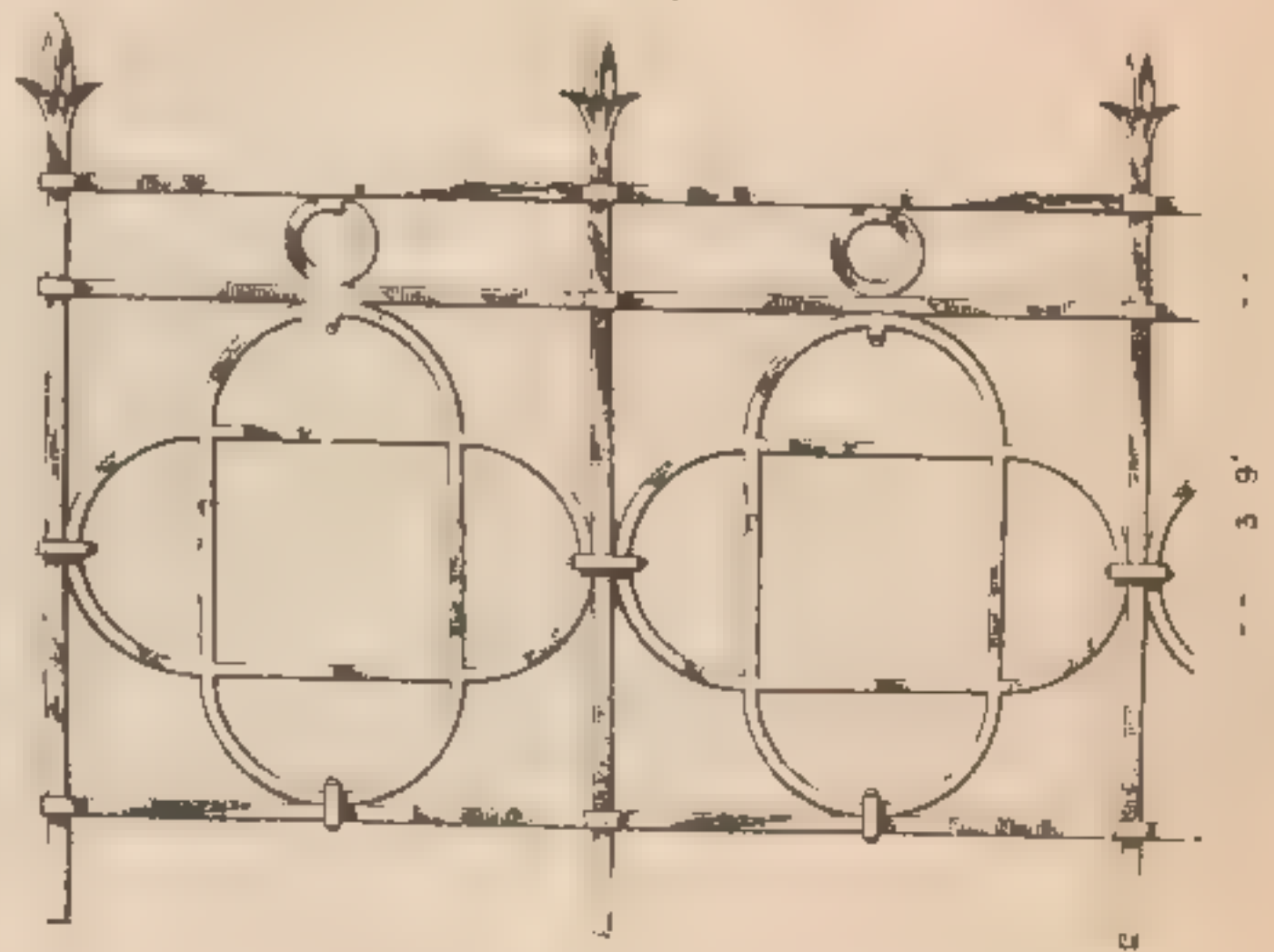


Main Standard prices, separate.

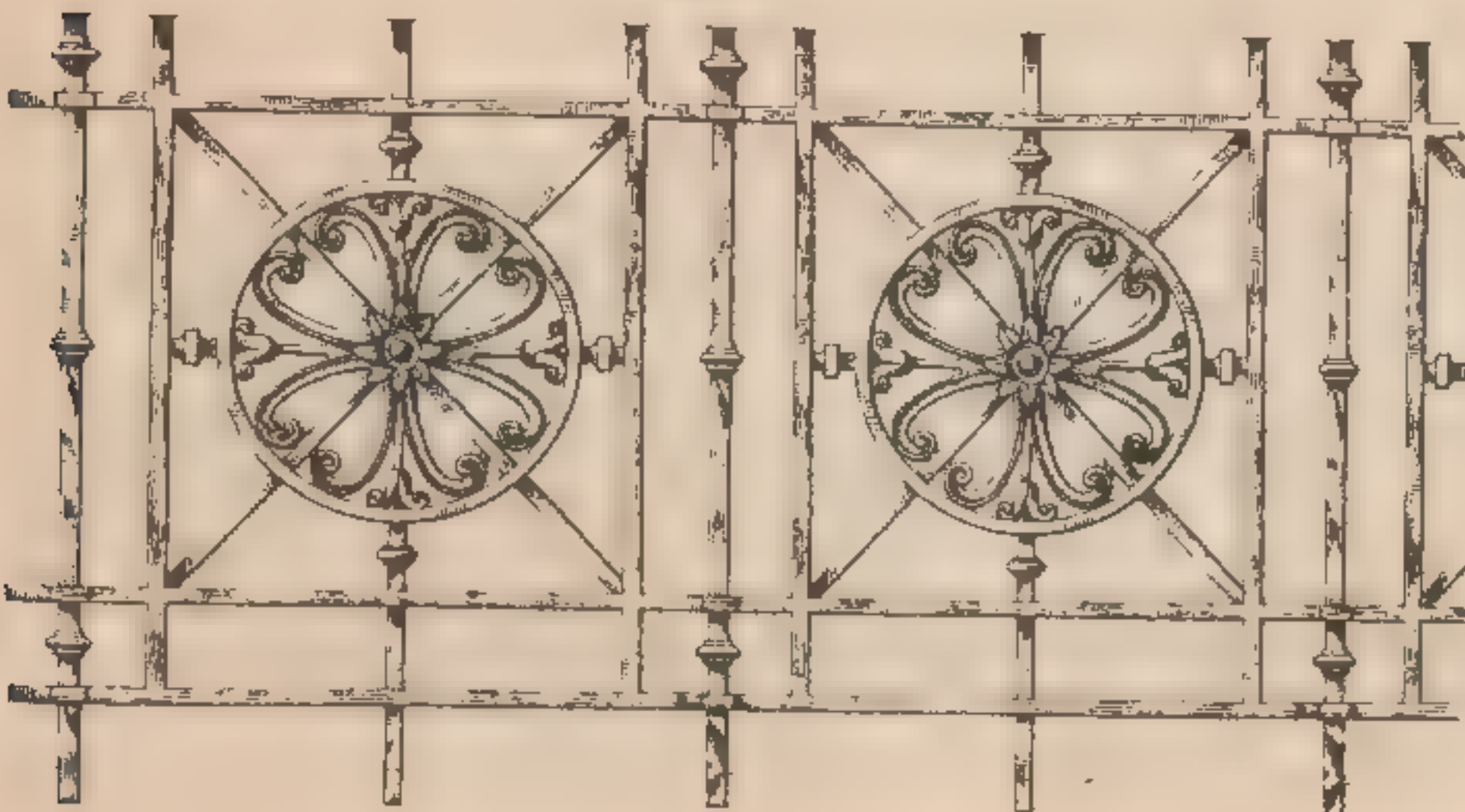
N° 47



N° 215



N° 32



N° 83



SCALE

1 1/2" = 1'

2

3

4 feet

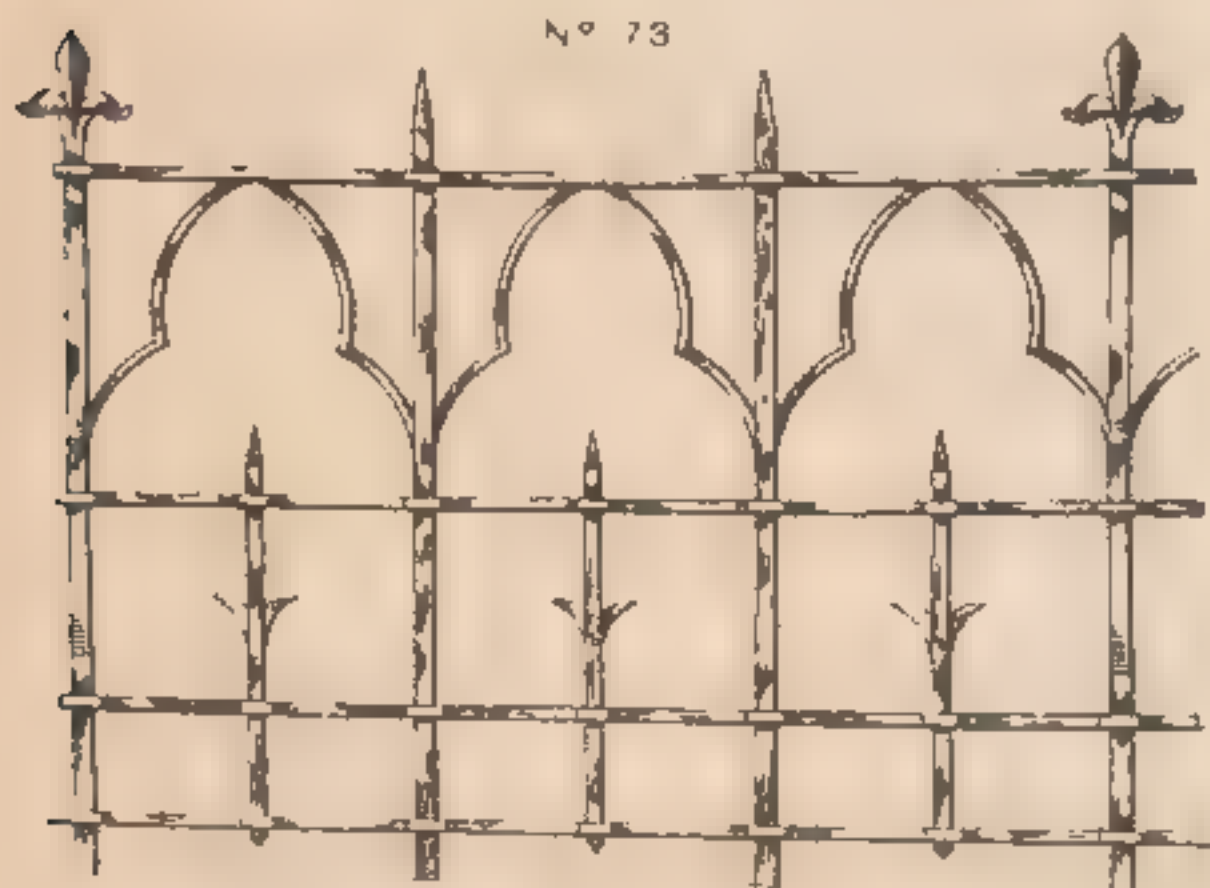
MACFARLANE'S CASTINGS - RAILINGS



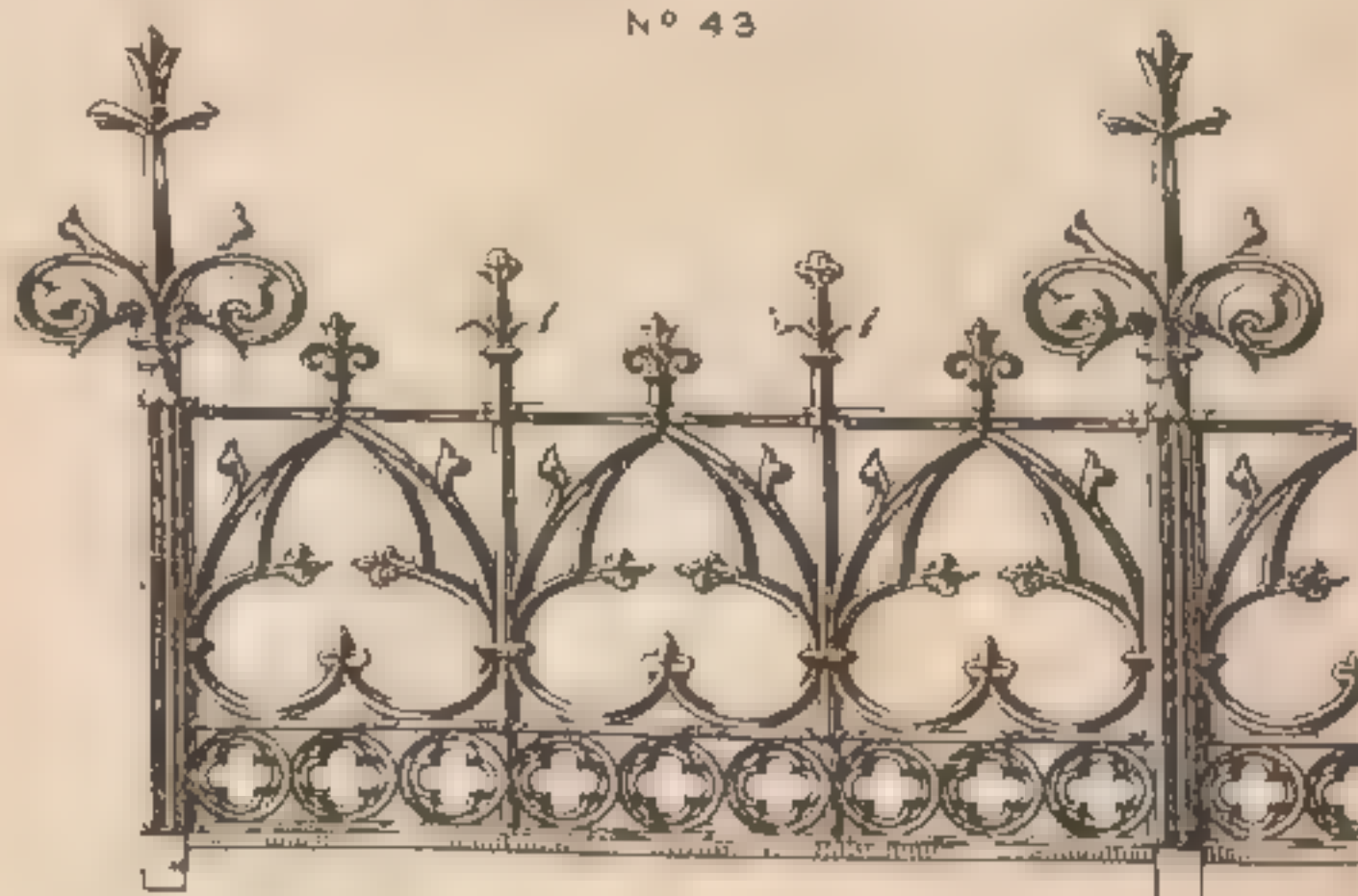
N° 152

AND 2 FACES

Centre feature repeats every 10 1/2" O net distances to order See also page 49



N° 73



N° 43



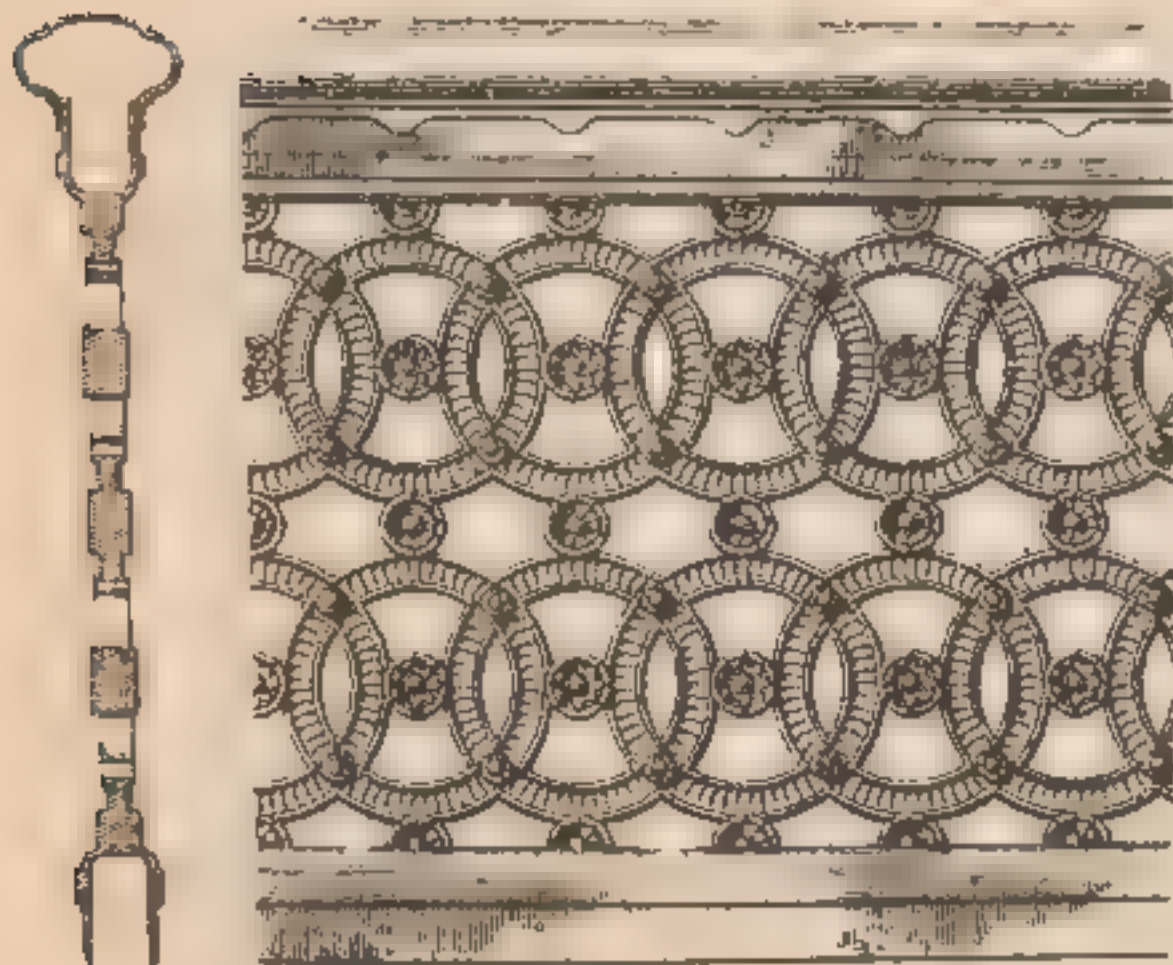
N° 1017



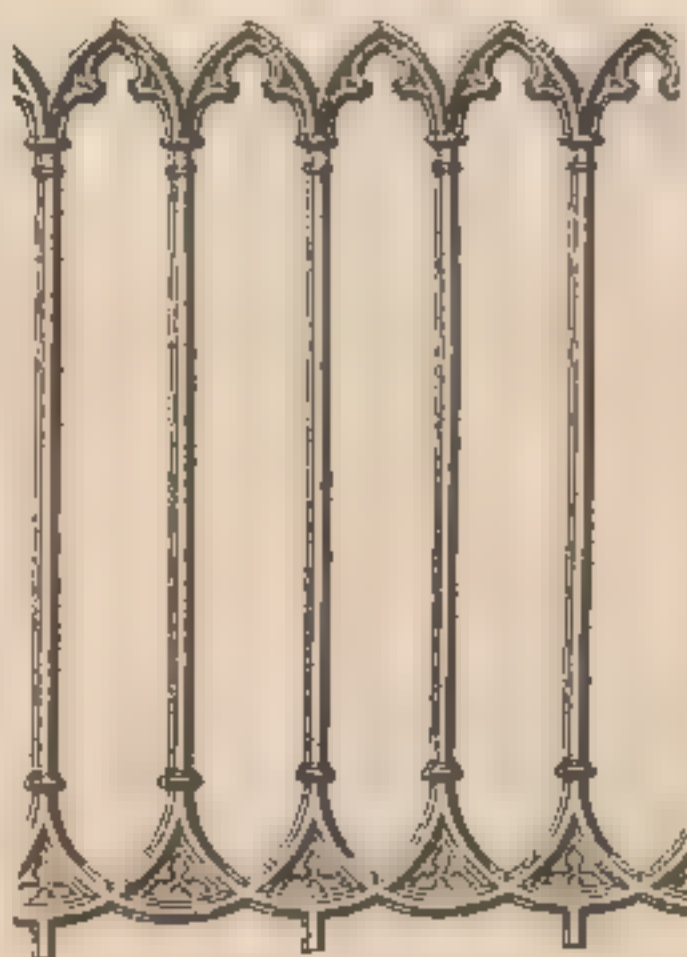
N° 833



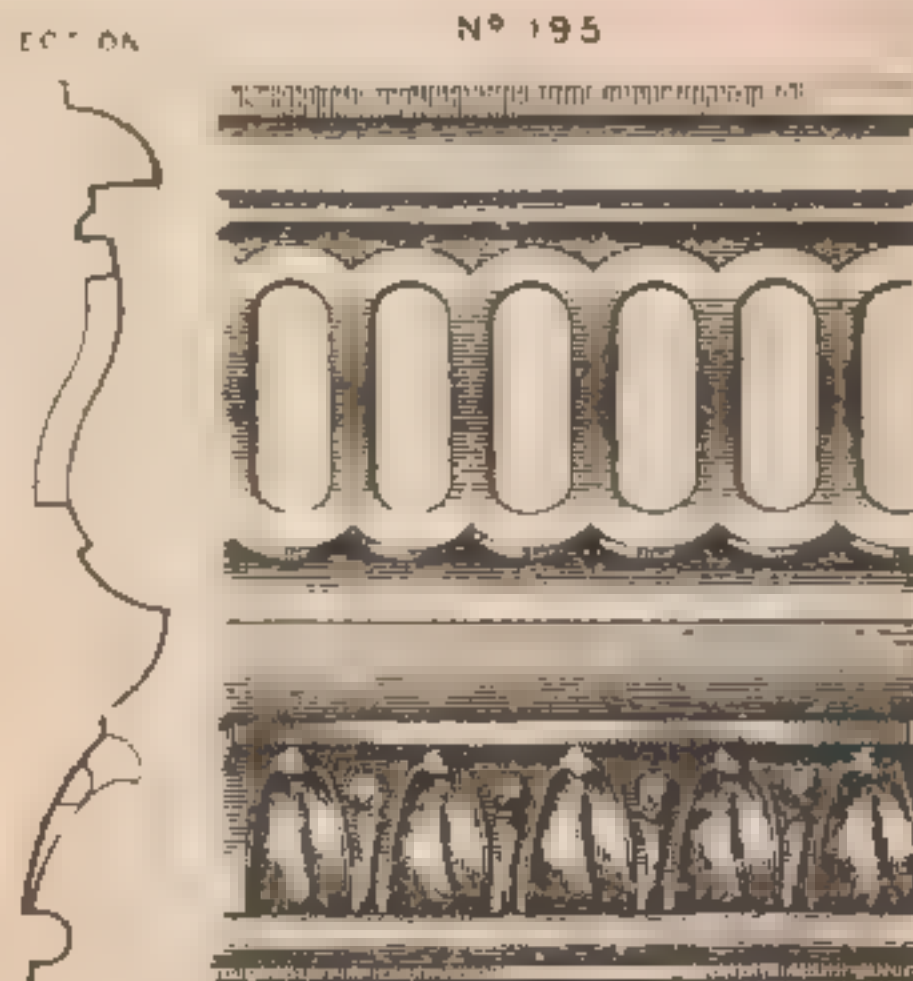
N° 63



N° 1058



N° 373



N° 195

SCALE

4 FEET

Nº 443 - 9' 9" BETWEEN CENTRES

ALSO 11' 6" BETWEEN CENTRES



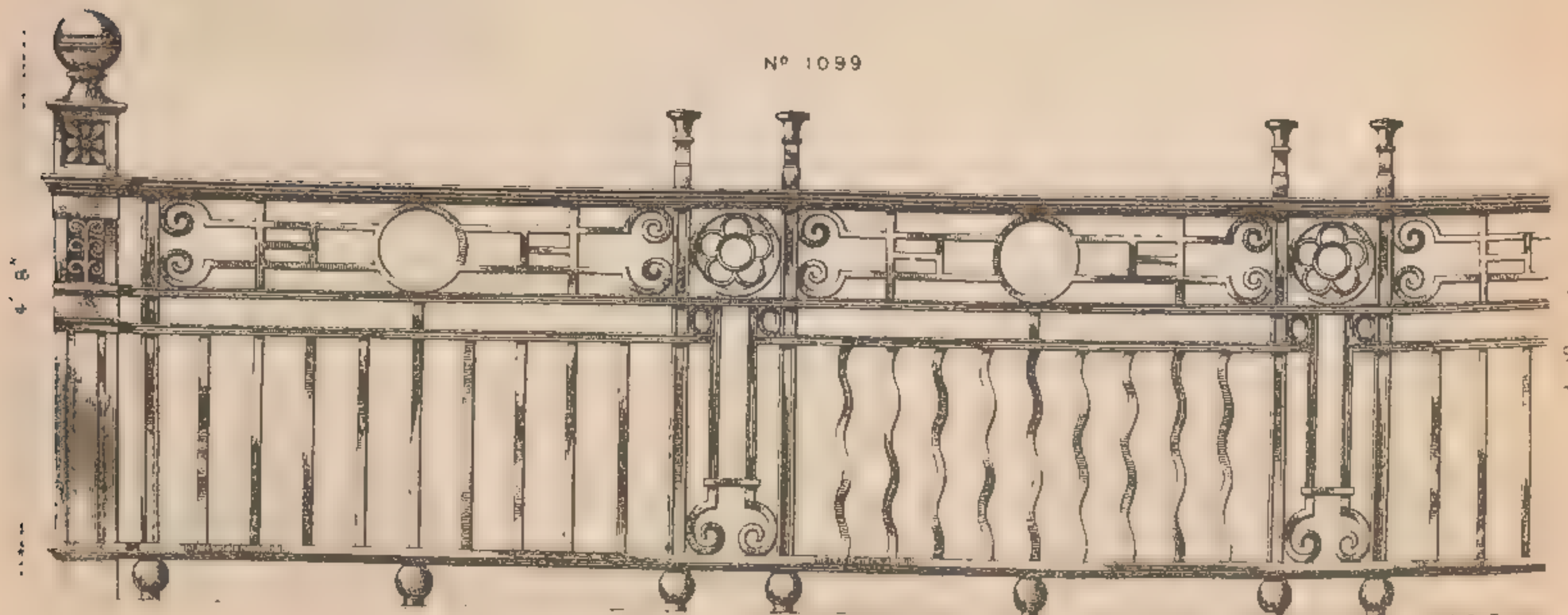
Nº 62



Nº 42



Nº 1099

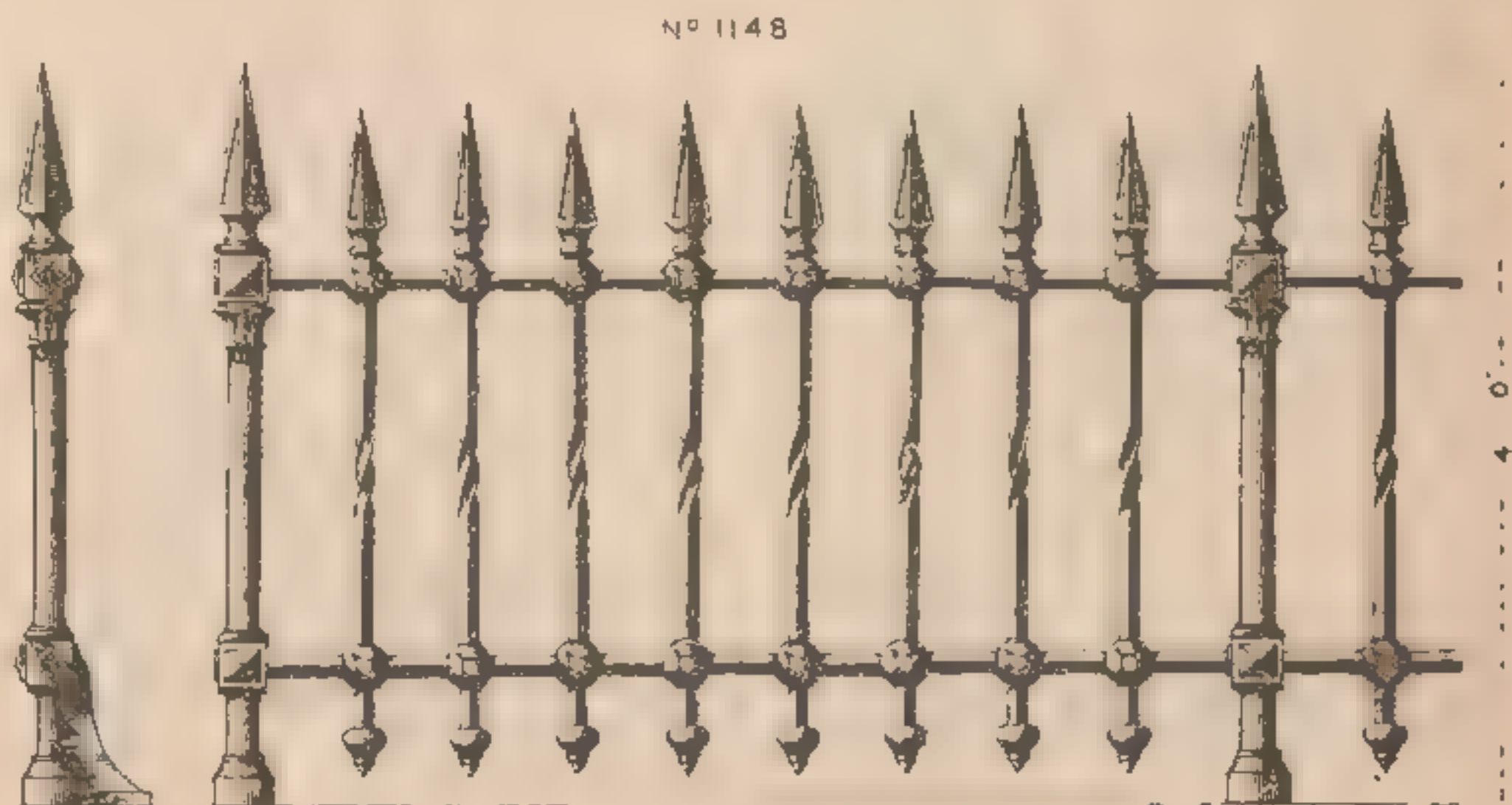
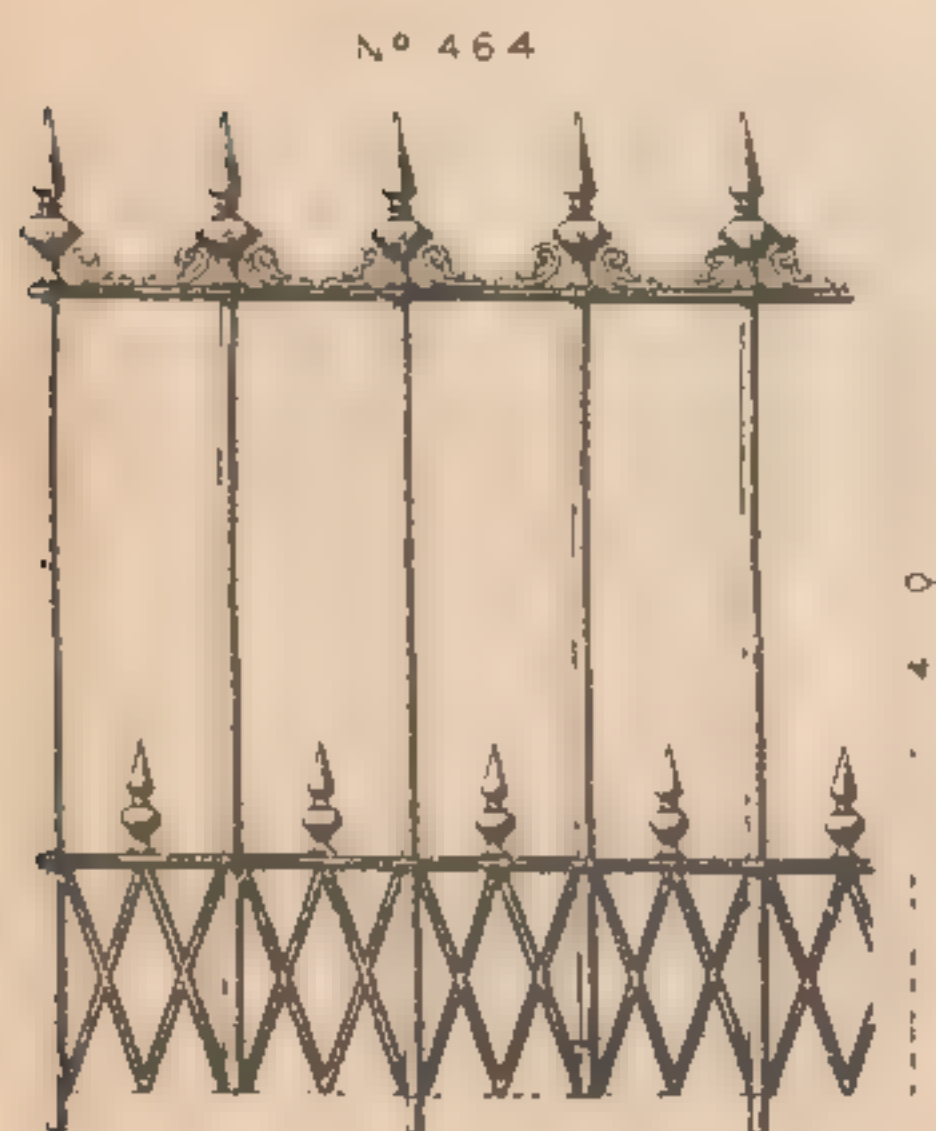
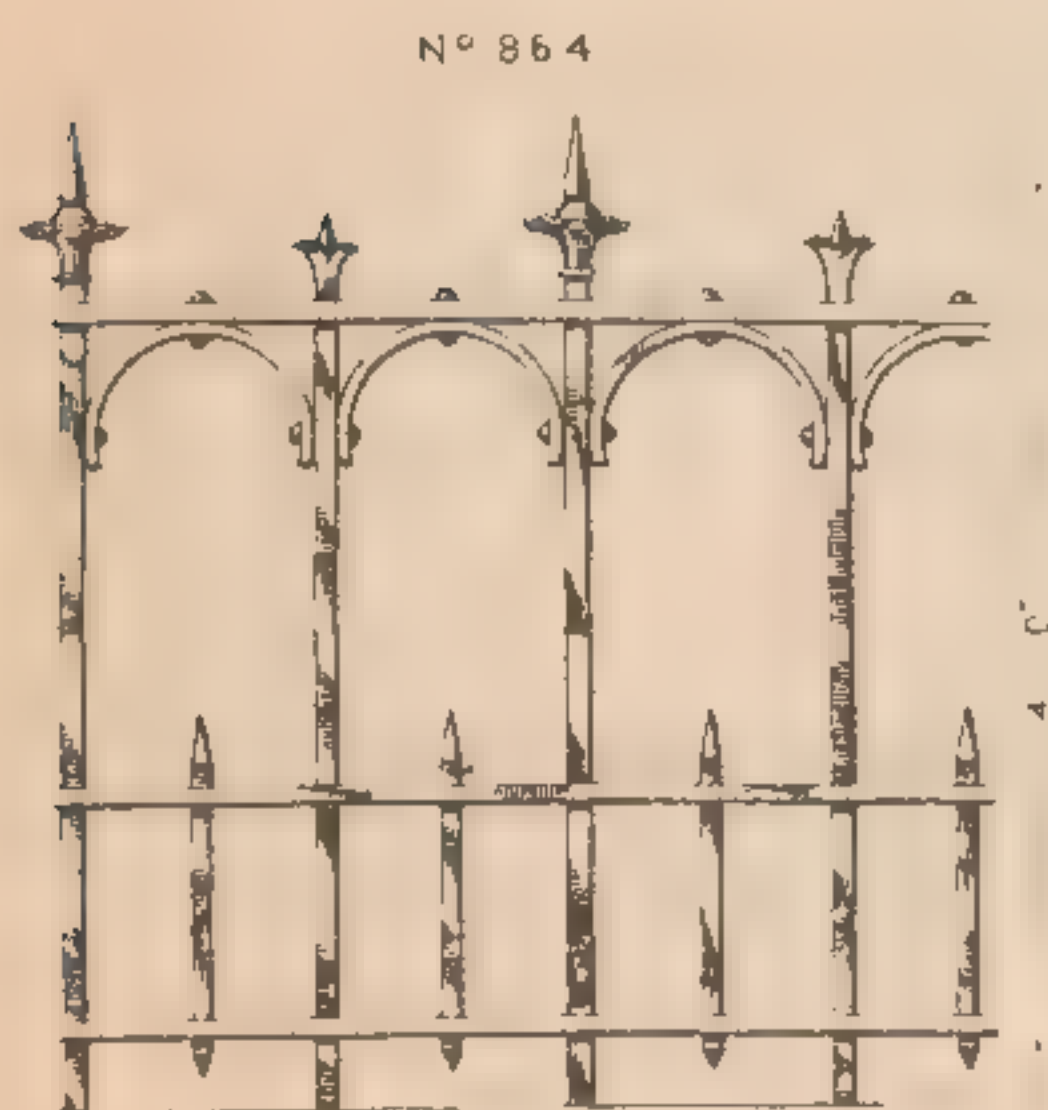
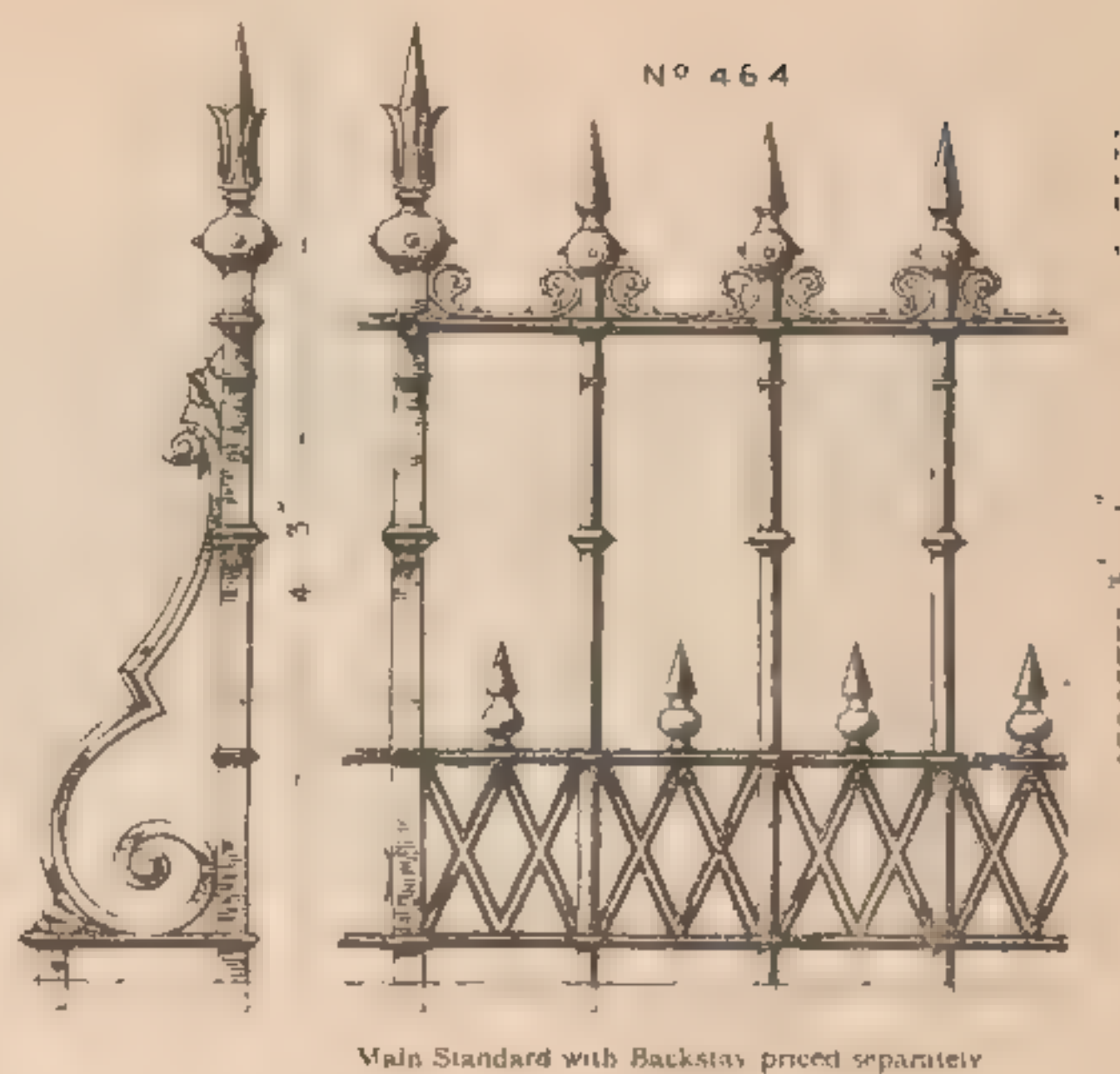
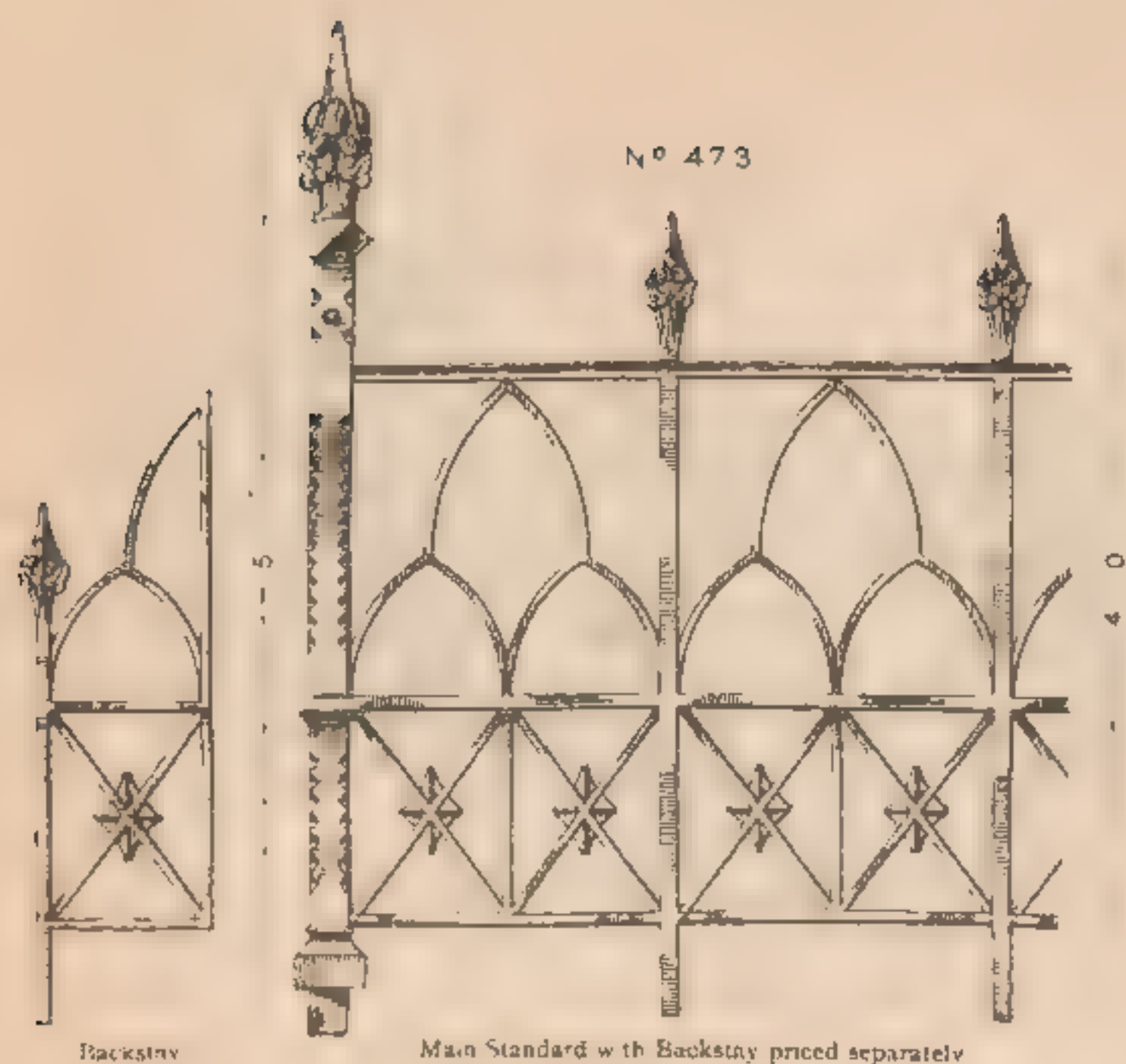


Main Standard priced separately

SCALE

1" = 1' 0" 2" = 2' 0" 3" = 3' 0"

MACFARLANE'S CASTINGS — RAILING



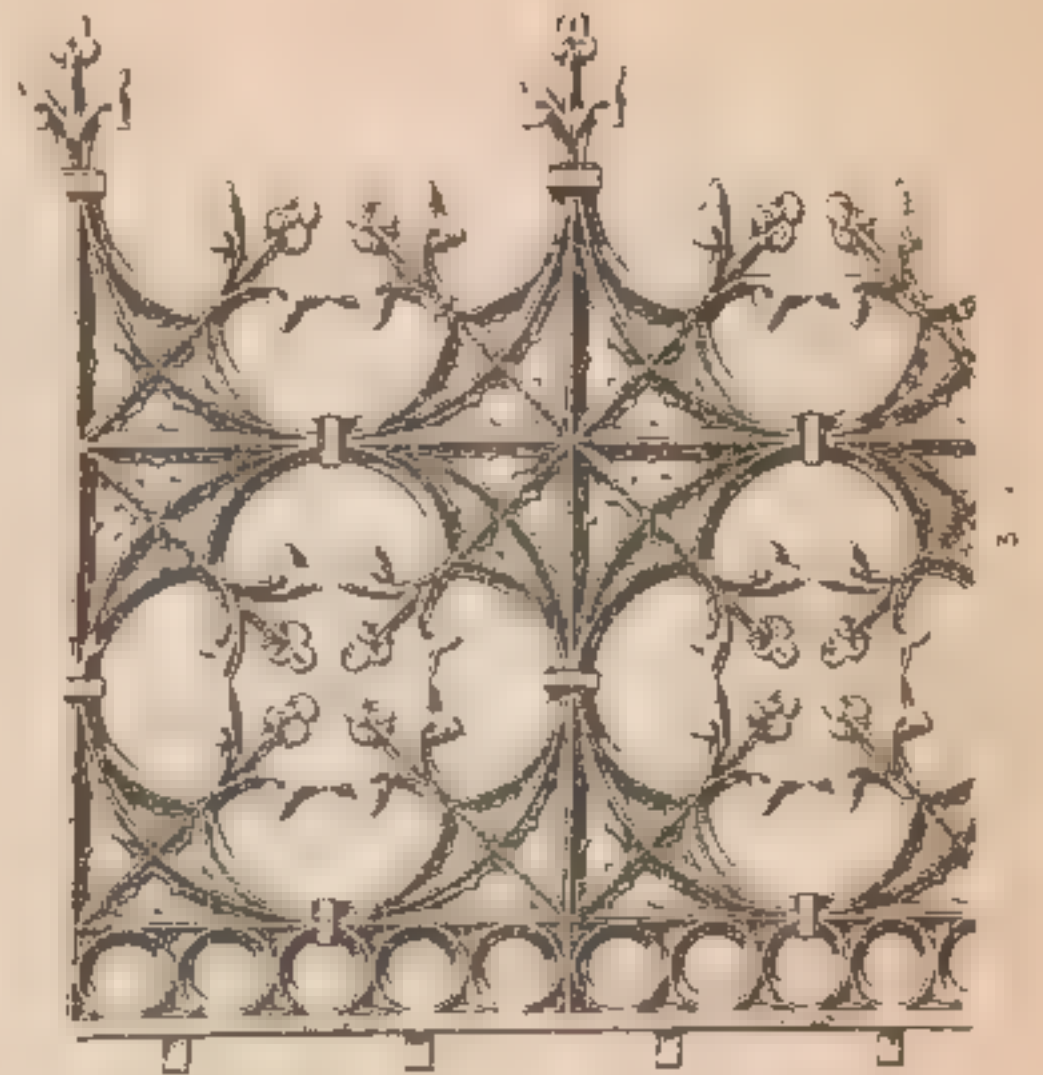
SCALE



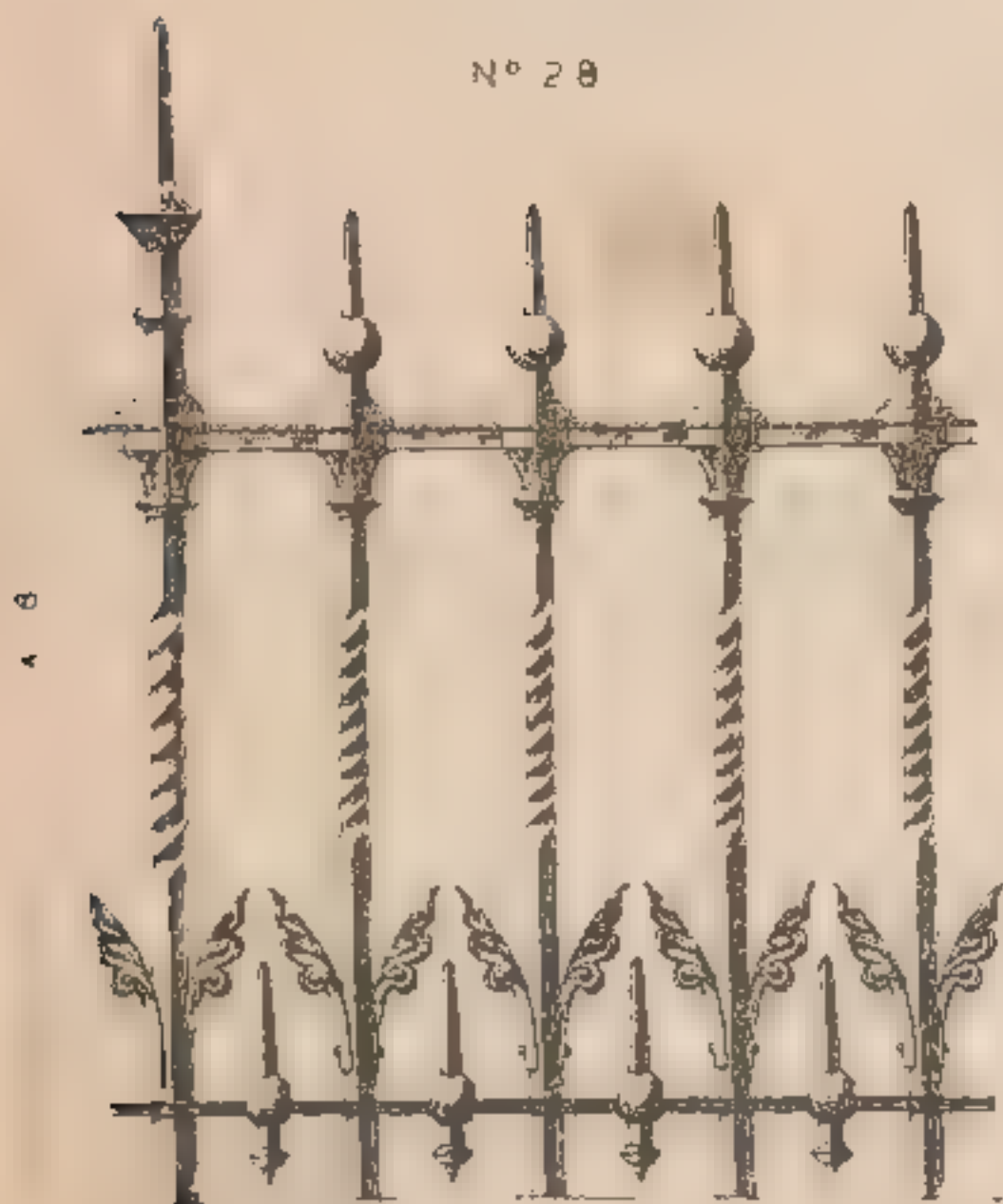
Nº 39



Nº 23



Nº 28



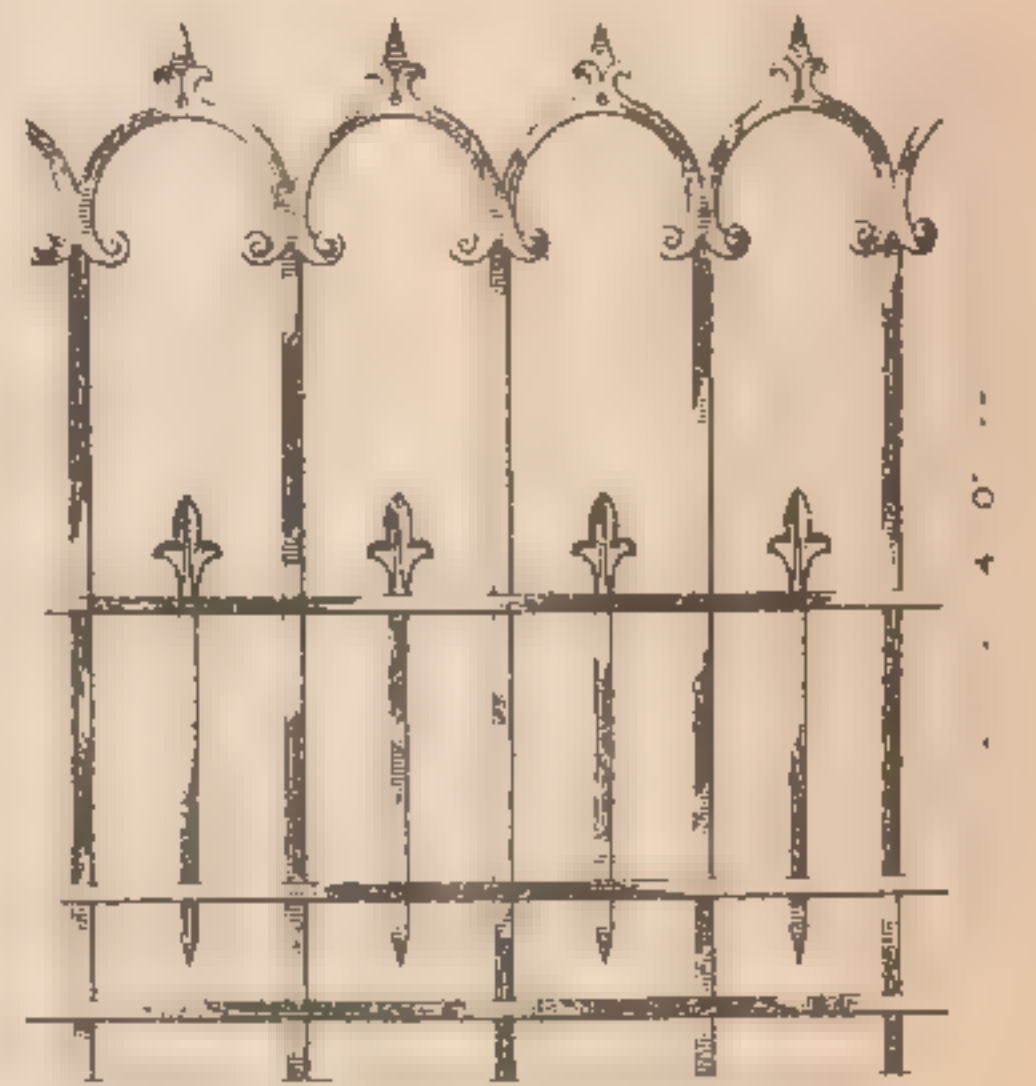
Main Standard priced separately

Nº 830



Main Standard with backstay priced separately

Nº 973



Nº 1097

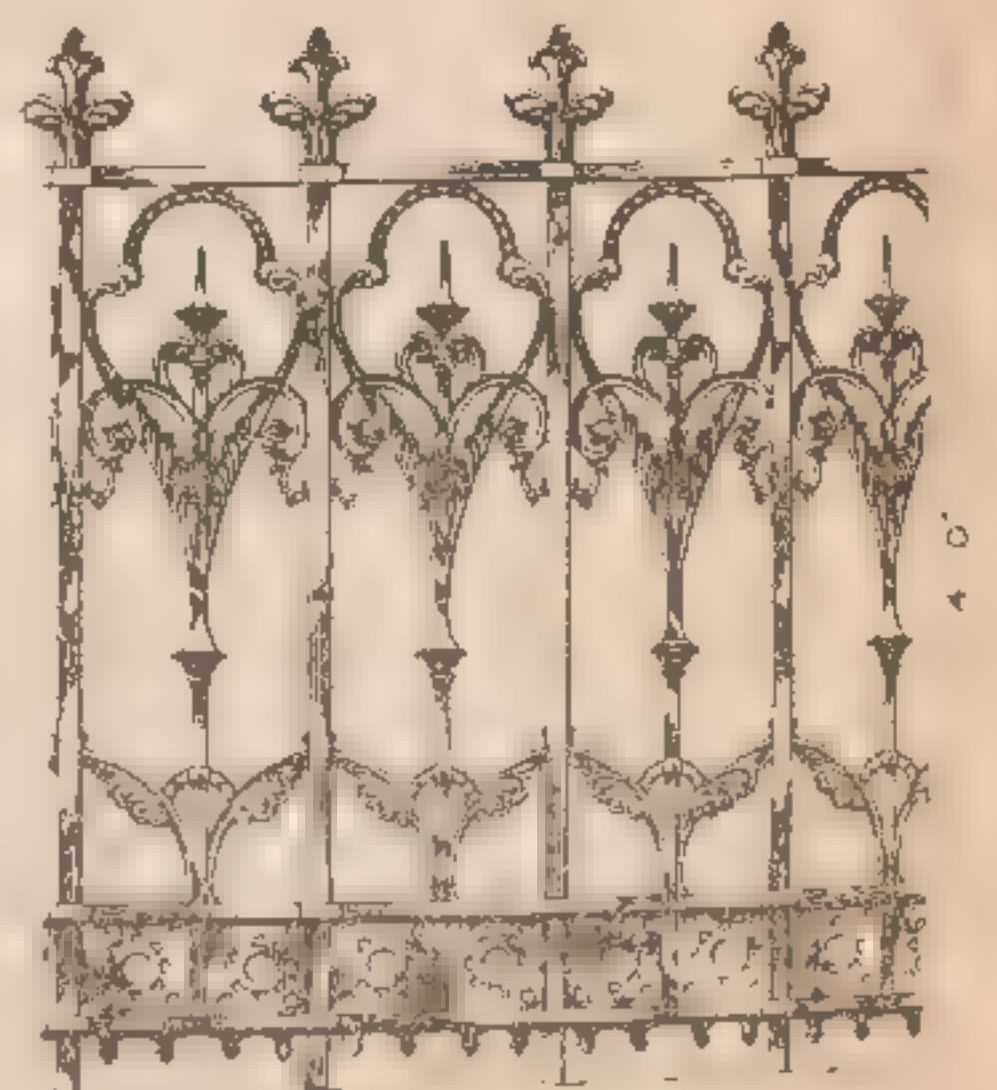


Nº 464



Main Standard priced separately

Nº 874



SCALE

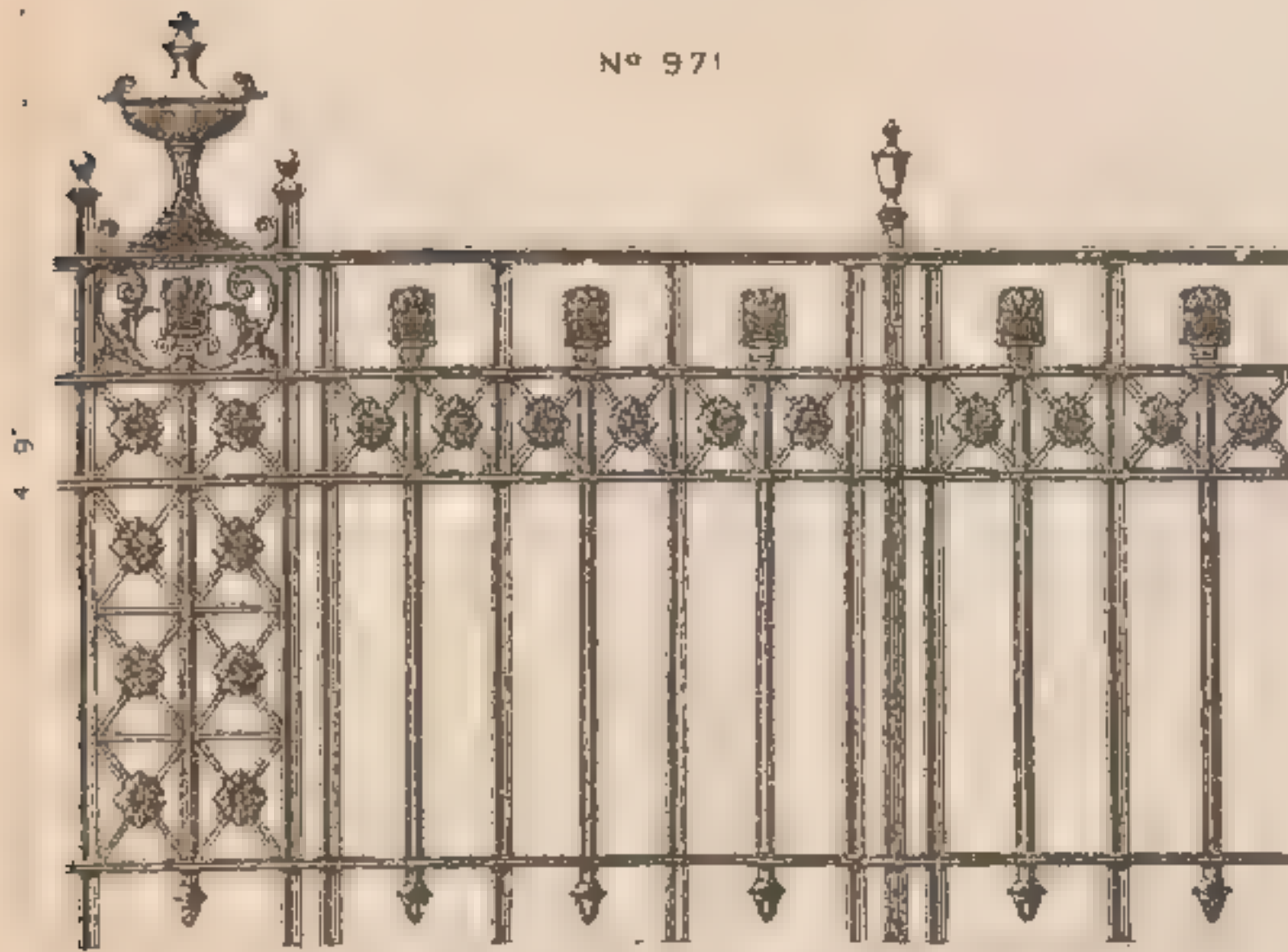
2

MAGFARLANE'S CASTINGS — RAILING



Nº 149

Centre feature repeats every 12 3/4" Other distances to order



Nº 971

Main Standards priced separately



Nº 739

Main Standards priced separately

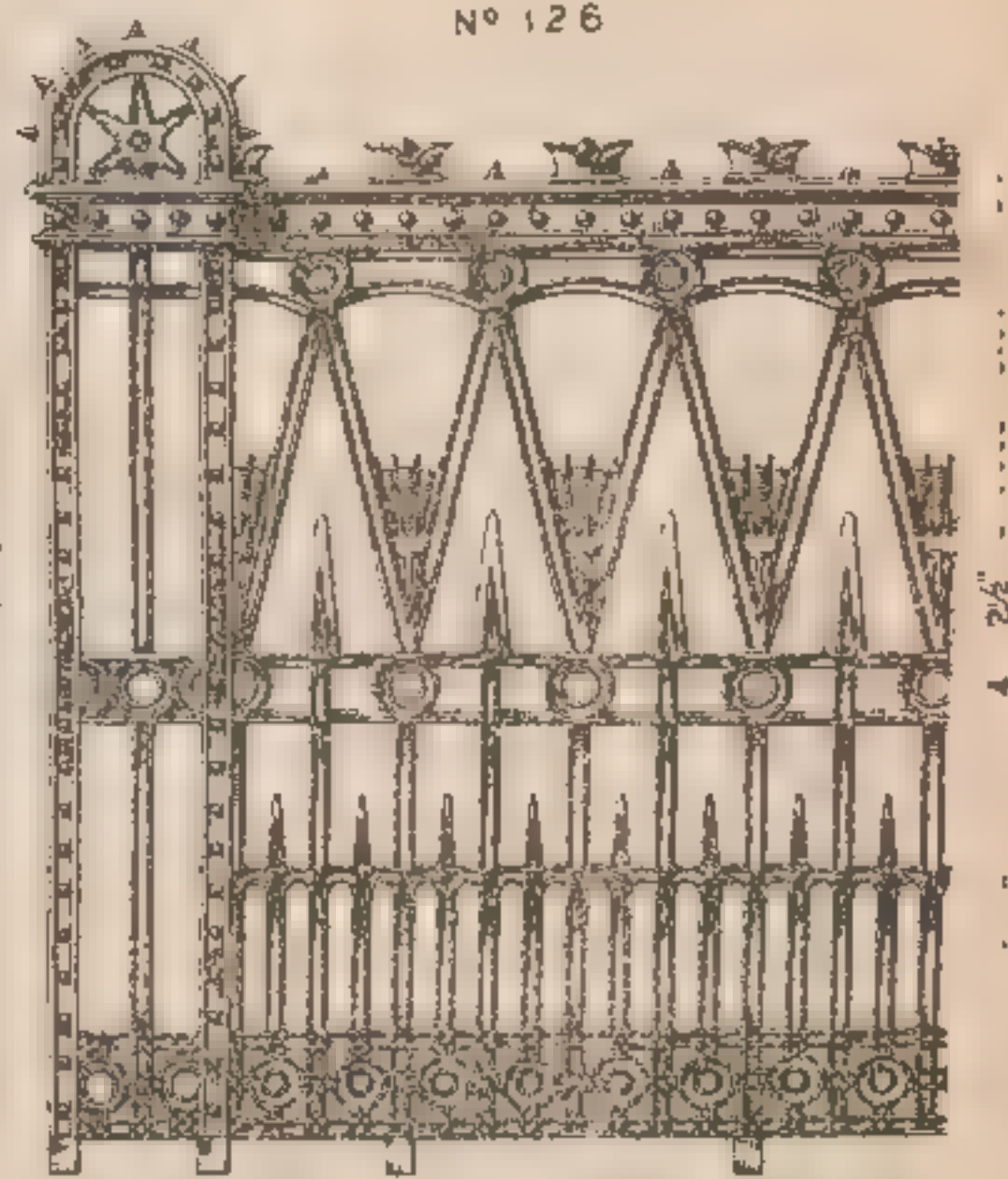


Nº 967

Main Standard repeats every 10 3/4"



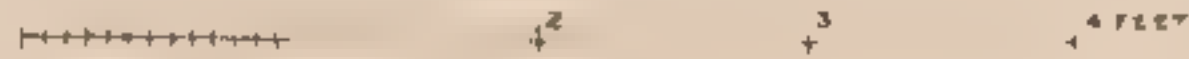
Nº 784



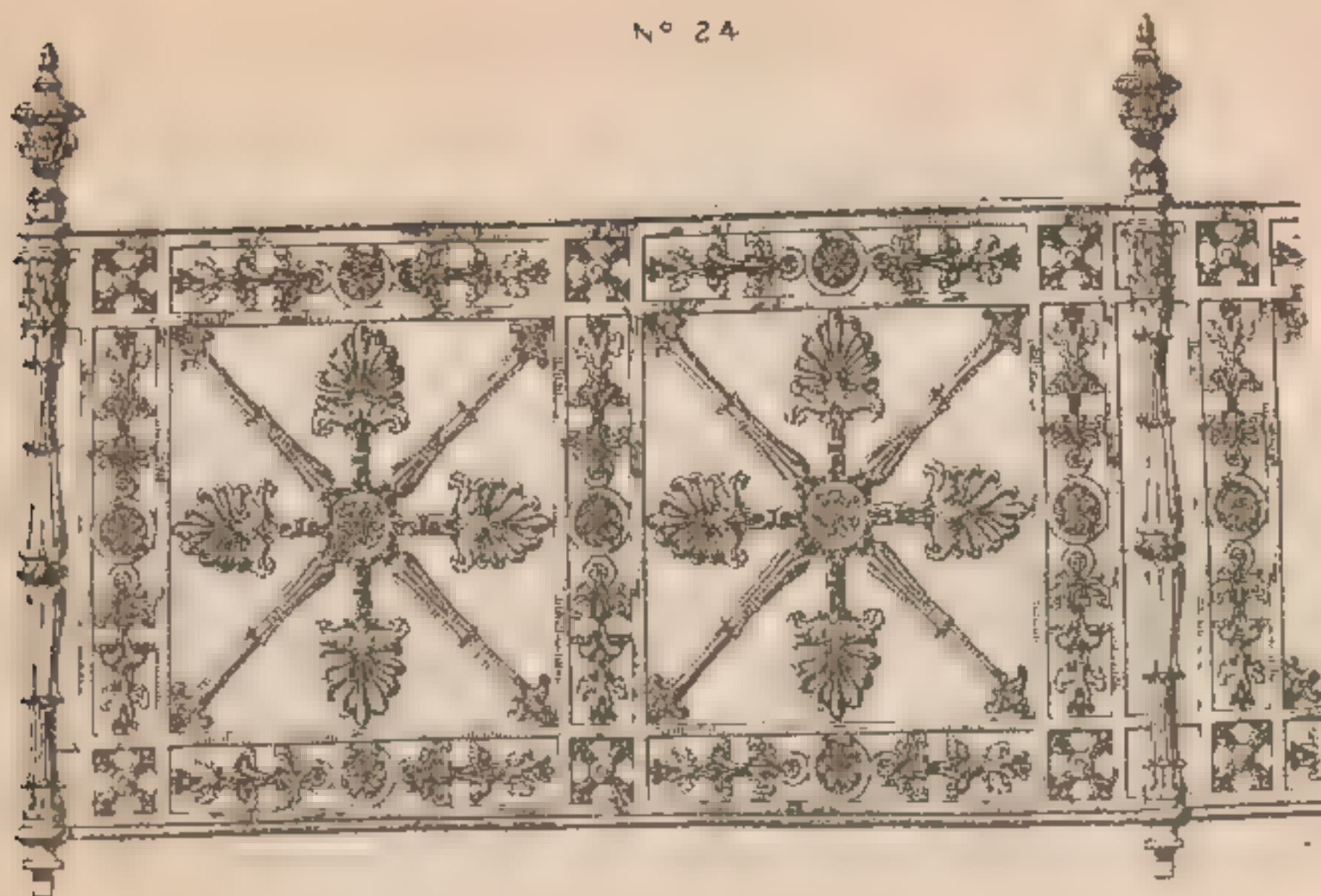
Nº 126

Main Standard priced separately

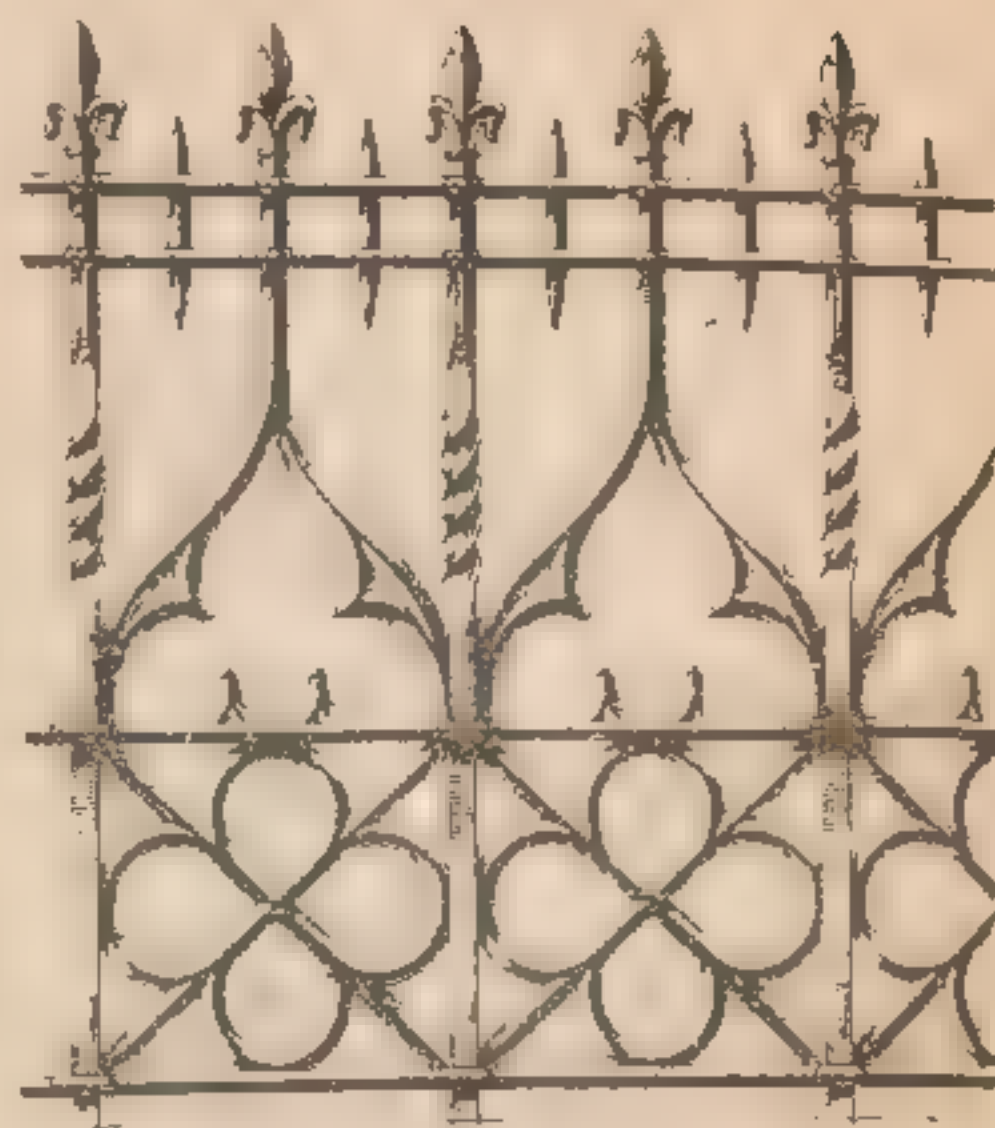
SCALE



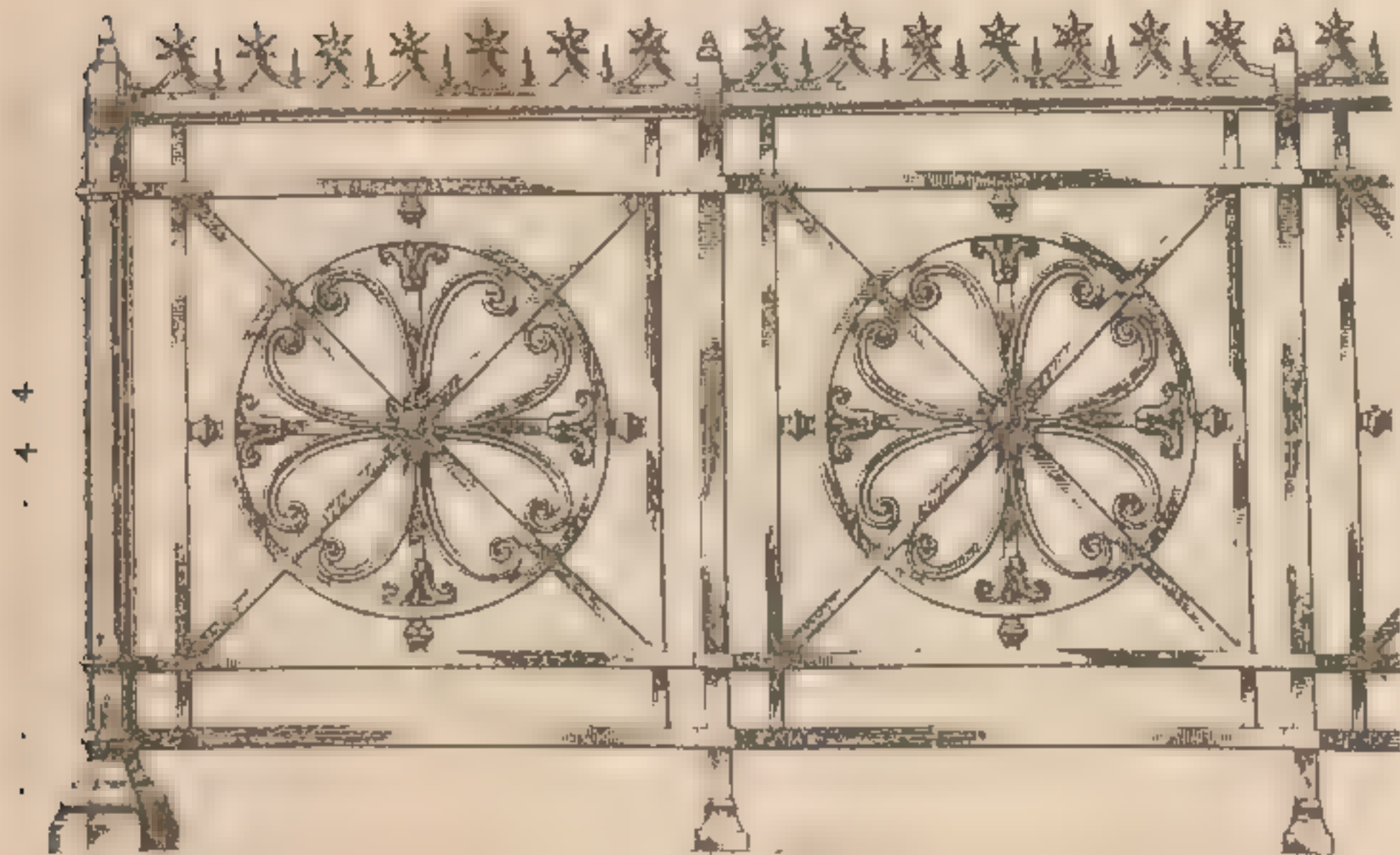
Nº 24



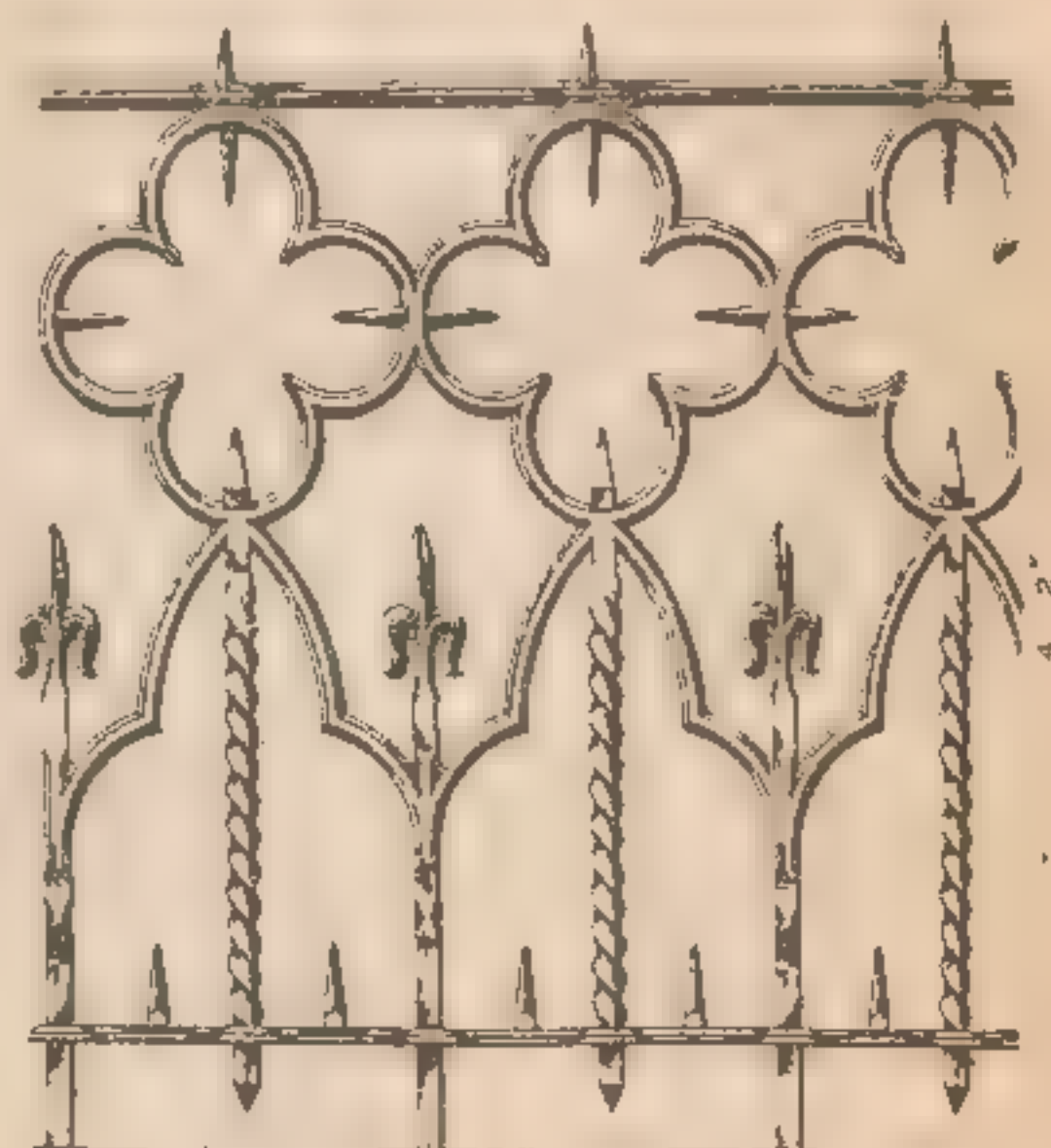
Nº 277



Nº 99



Nº 275

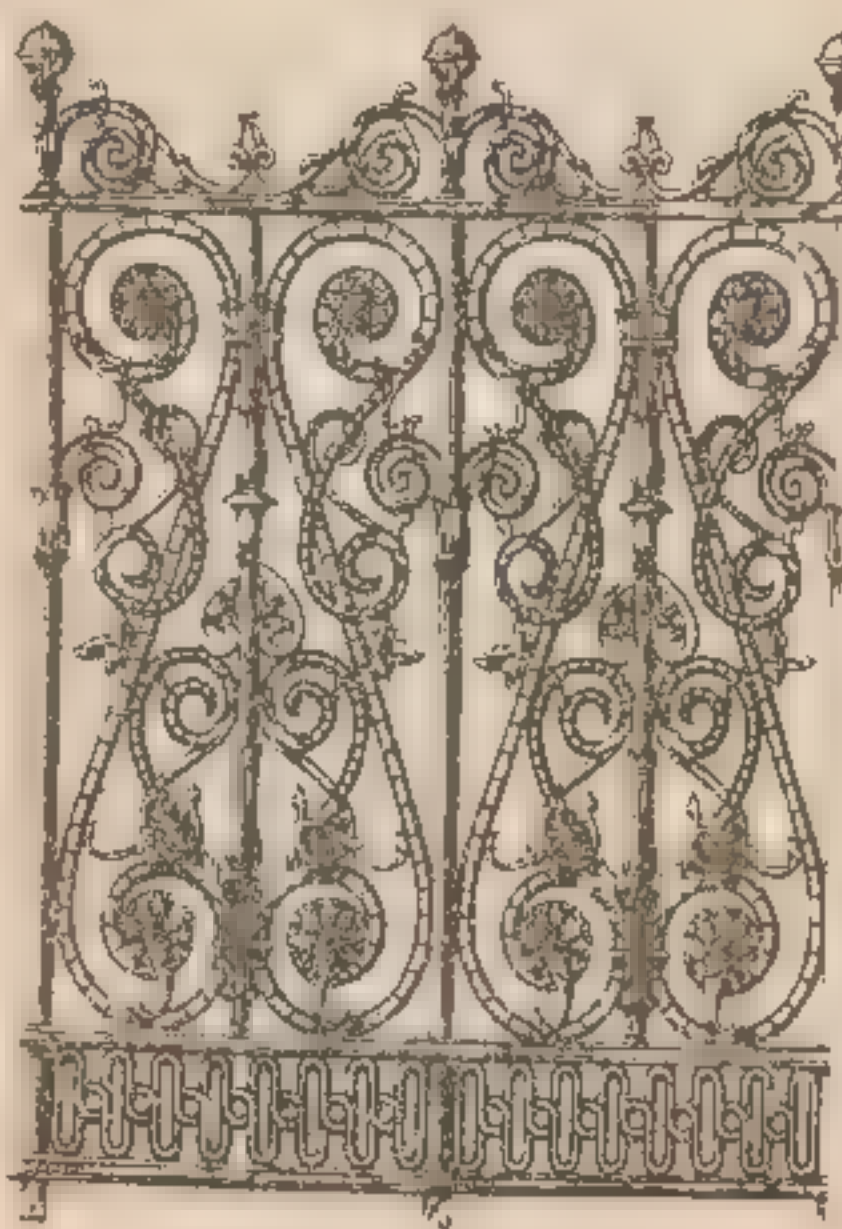


Main Standard piece separate

Nº 474



Nº 63



Nº 317

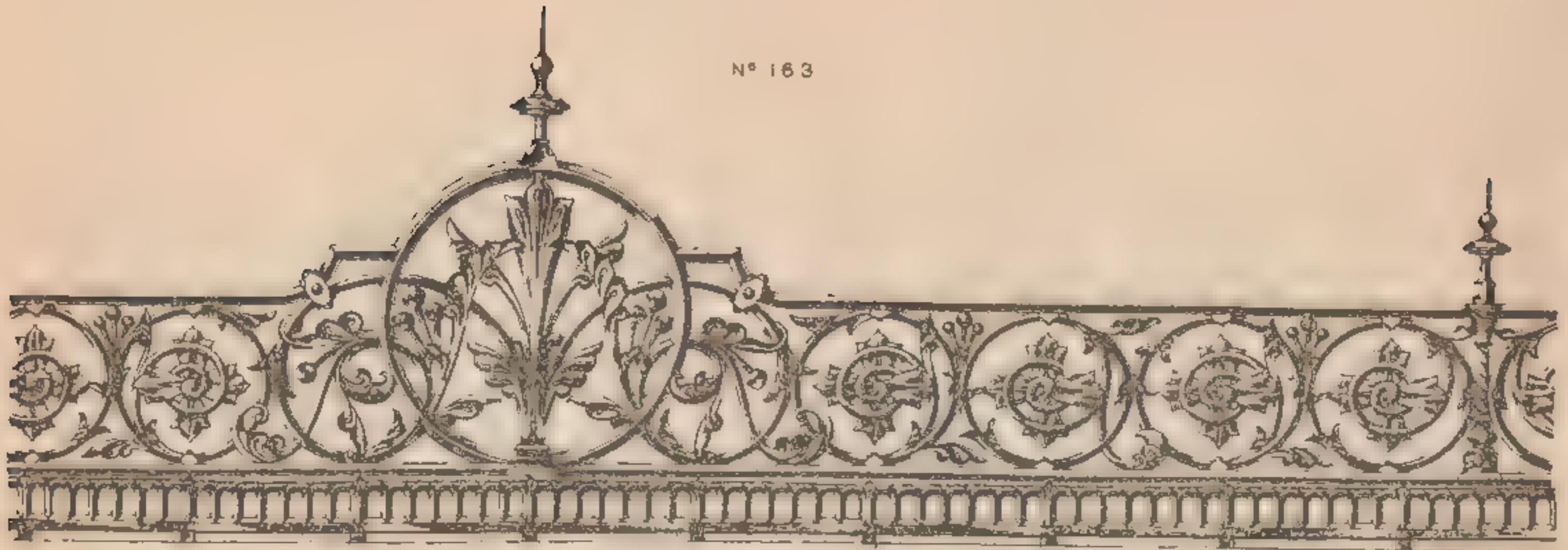


Main Standard with Backstay priced separately

SCALE



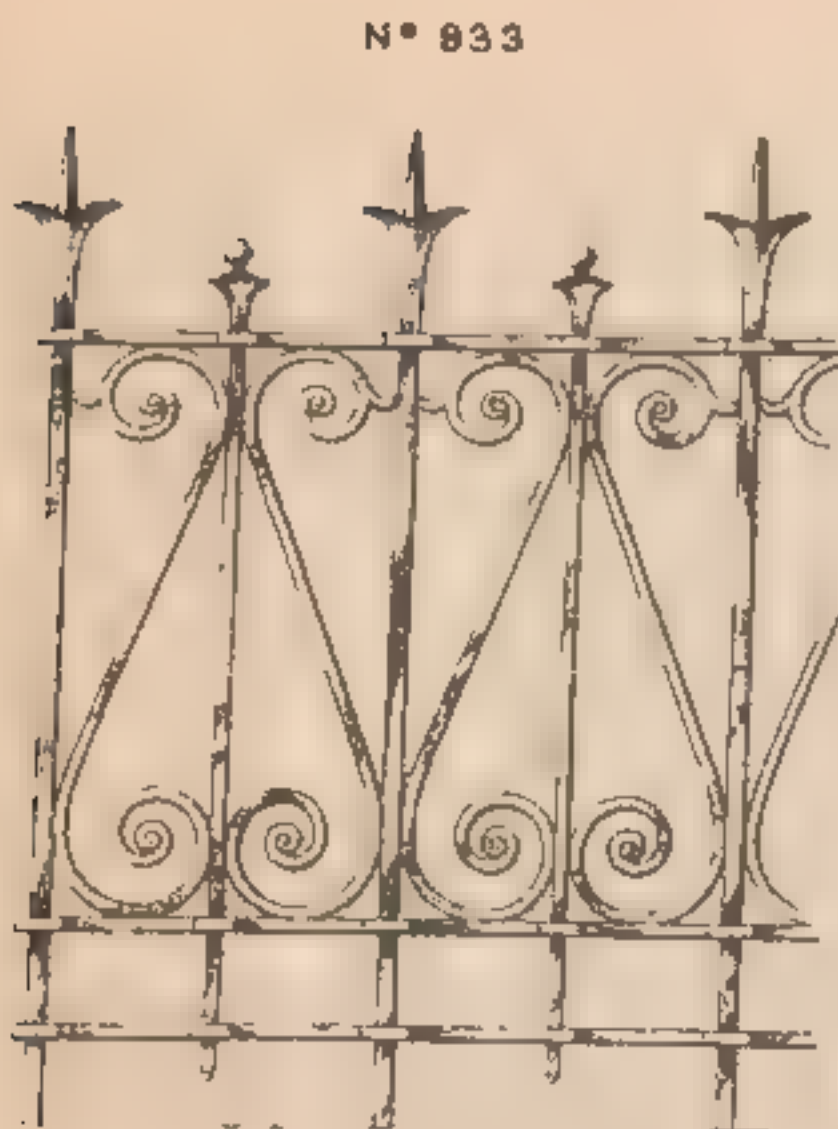
MACFARLANE'S CASTINGS — RAILING



N° 163

1 AND 2 FACES.

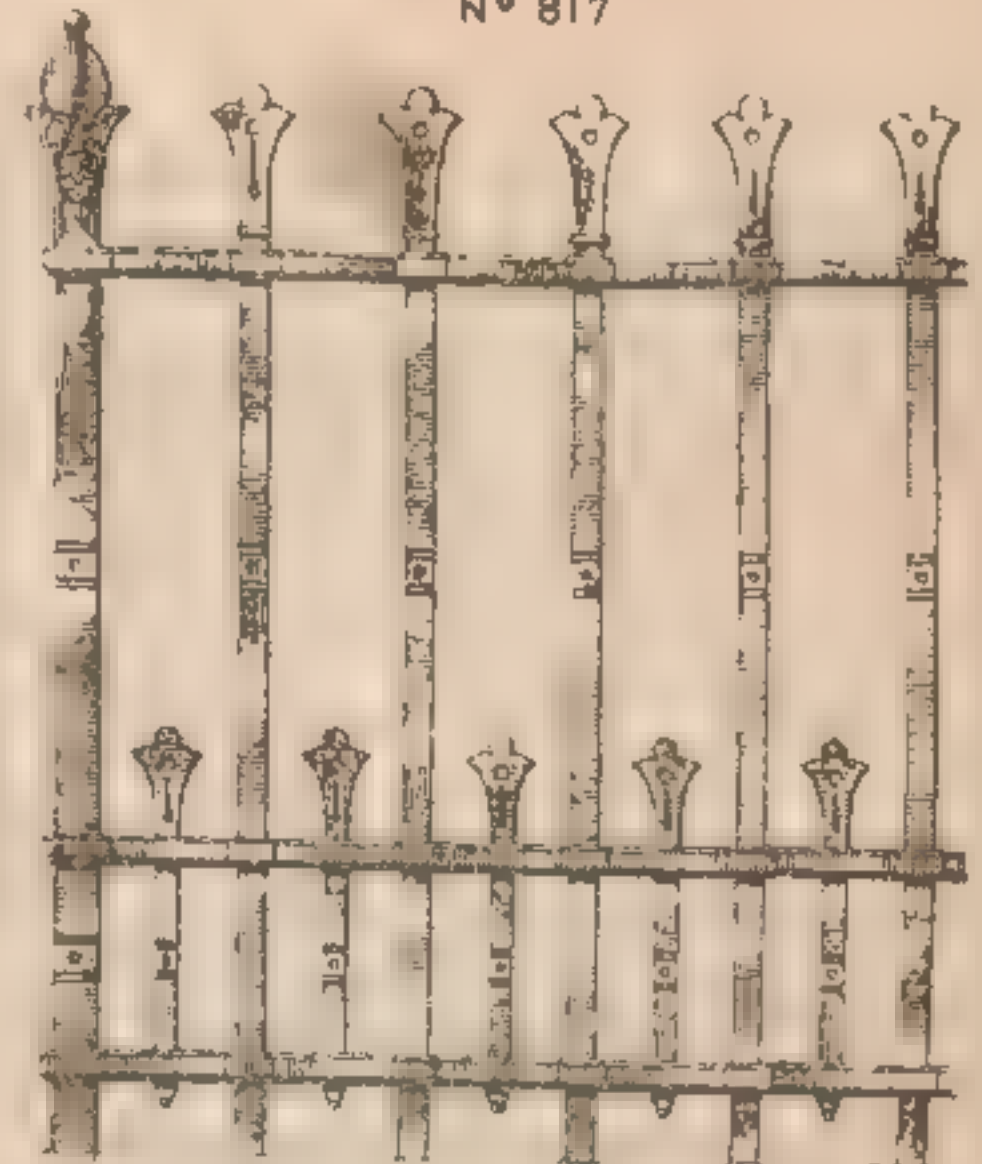
Centre feature repeats every 15' 10 1/4", other distances to order. See also page 208



N° 833



N° 457



N° 817

Main standard priced separately



N° 42



N° 004

SCALE

1 2 3 4 5 6

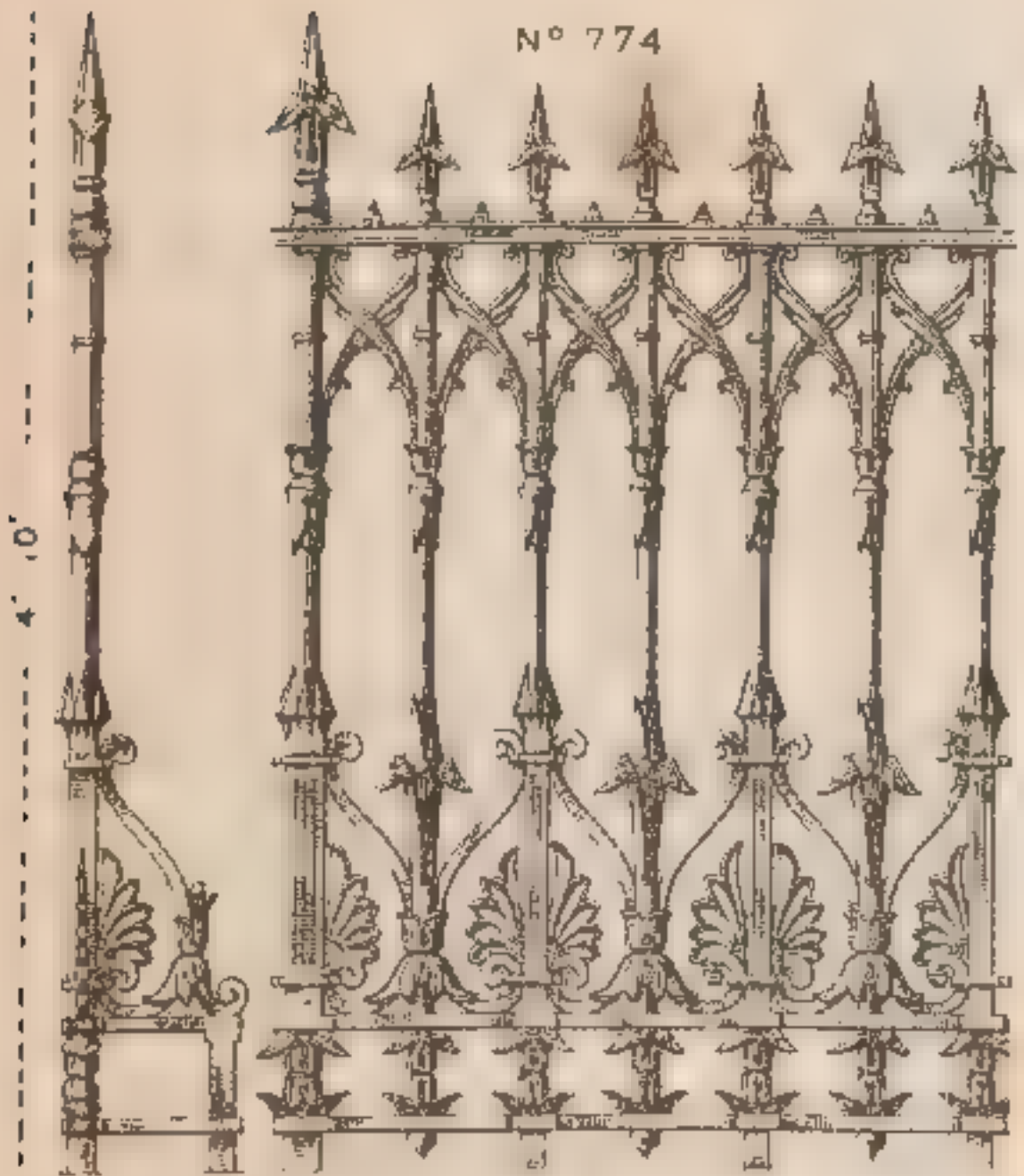
Nº 43



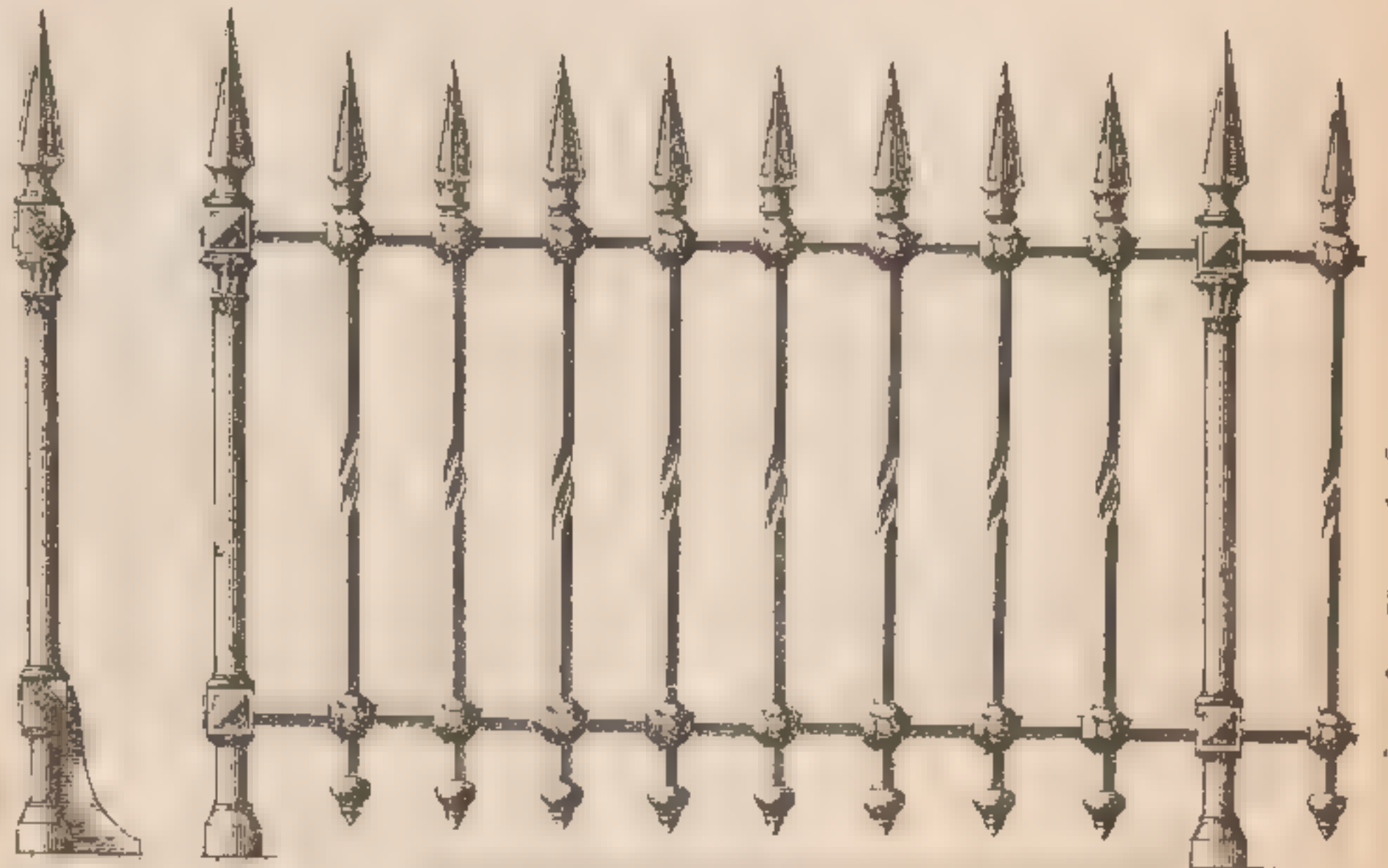
Nº 29



Nº 774

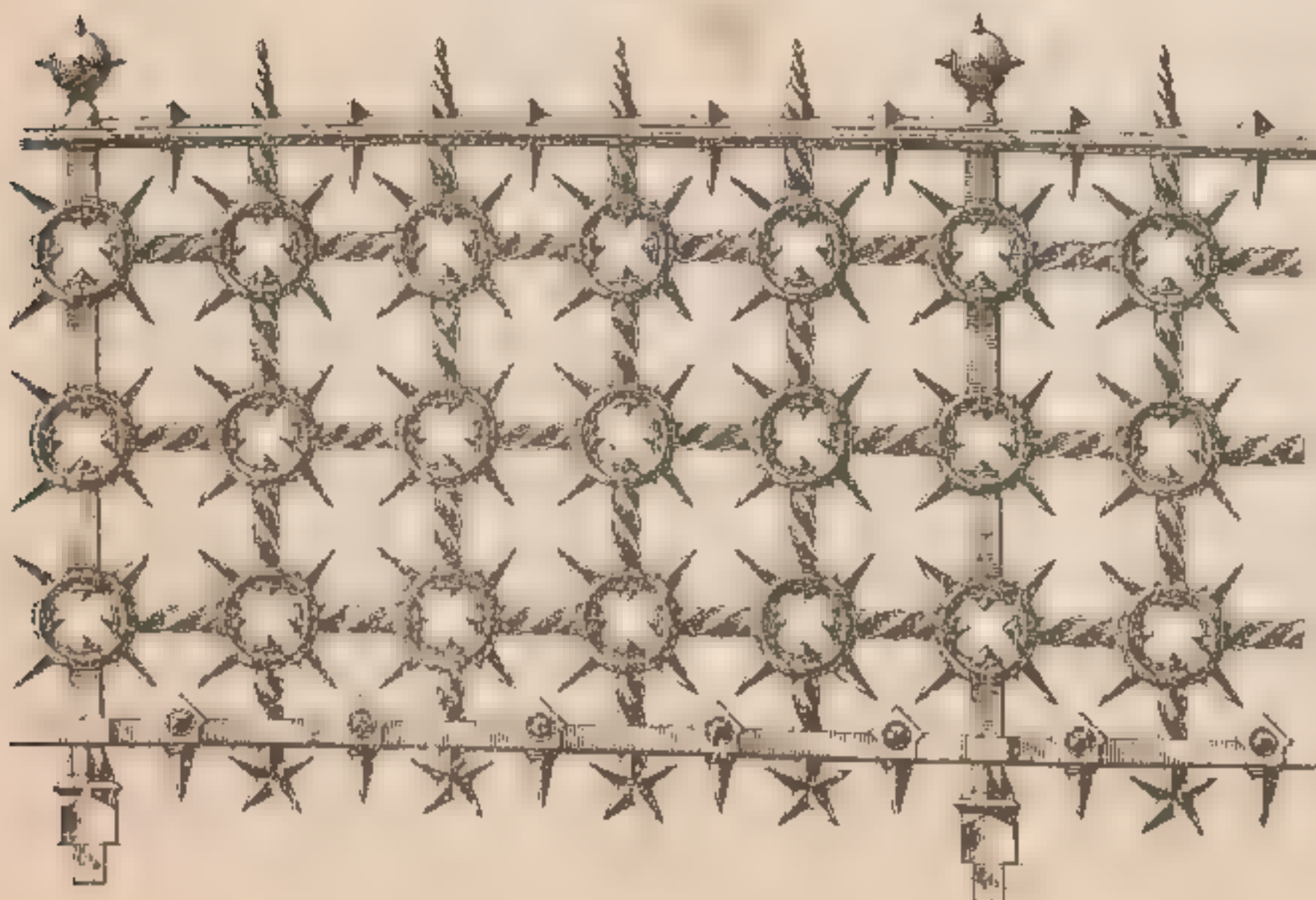


Nº 148

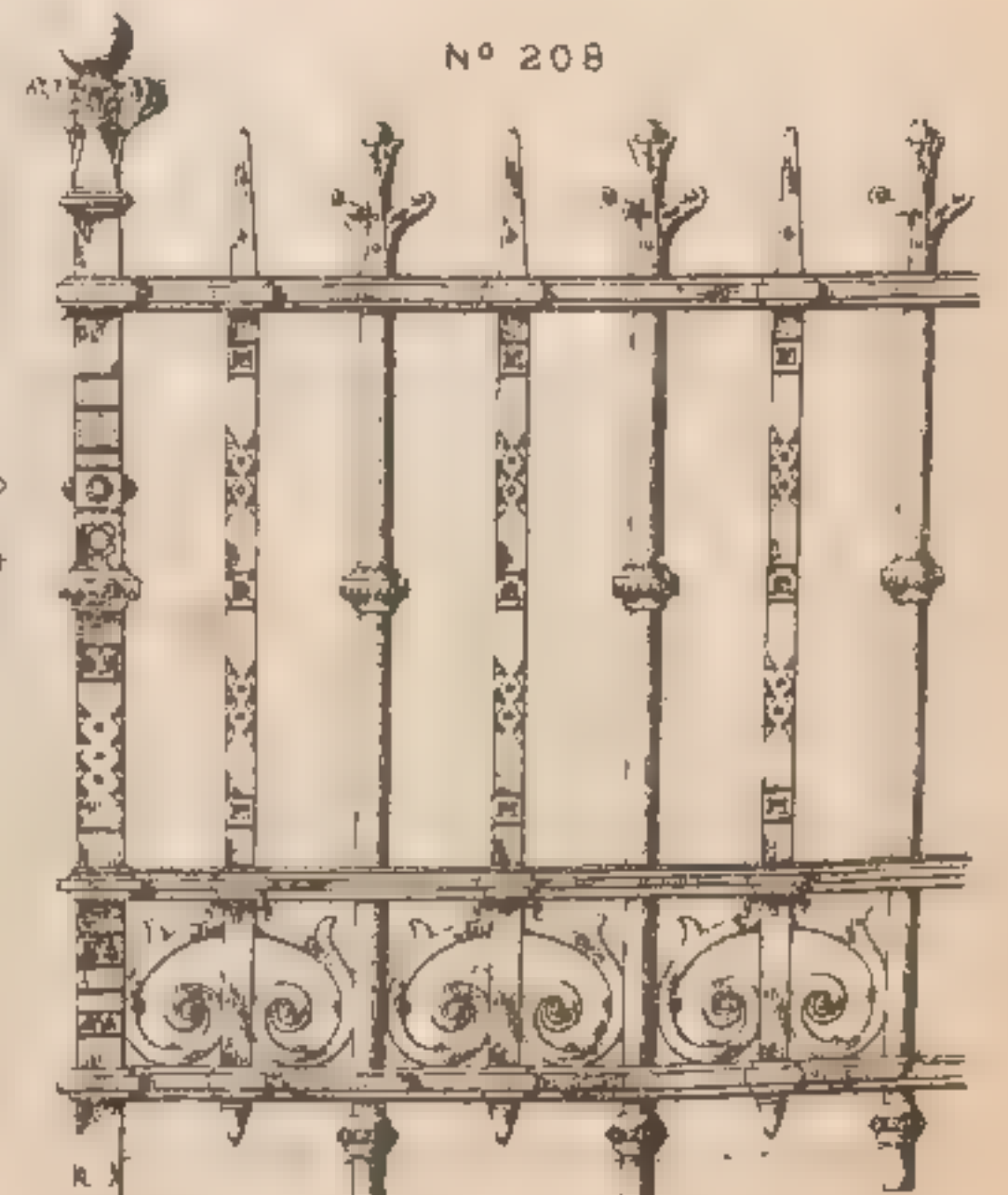


Main Standard with Backstay priced as above

Nº 74



Nº 208



Main Standard with Backstay priced separately. for Backstay See No. 708 page 273

SCALE



Nº 149

SECTION ON LINE A B

A



1 FACE 2 FACES



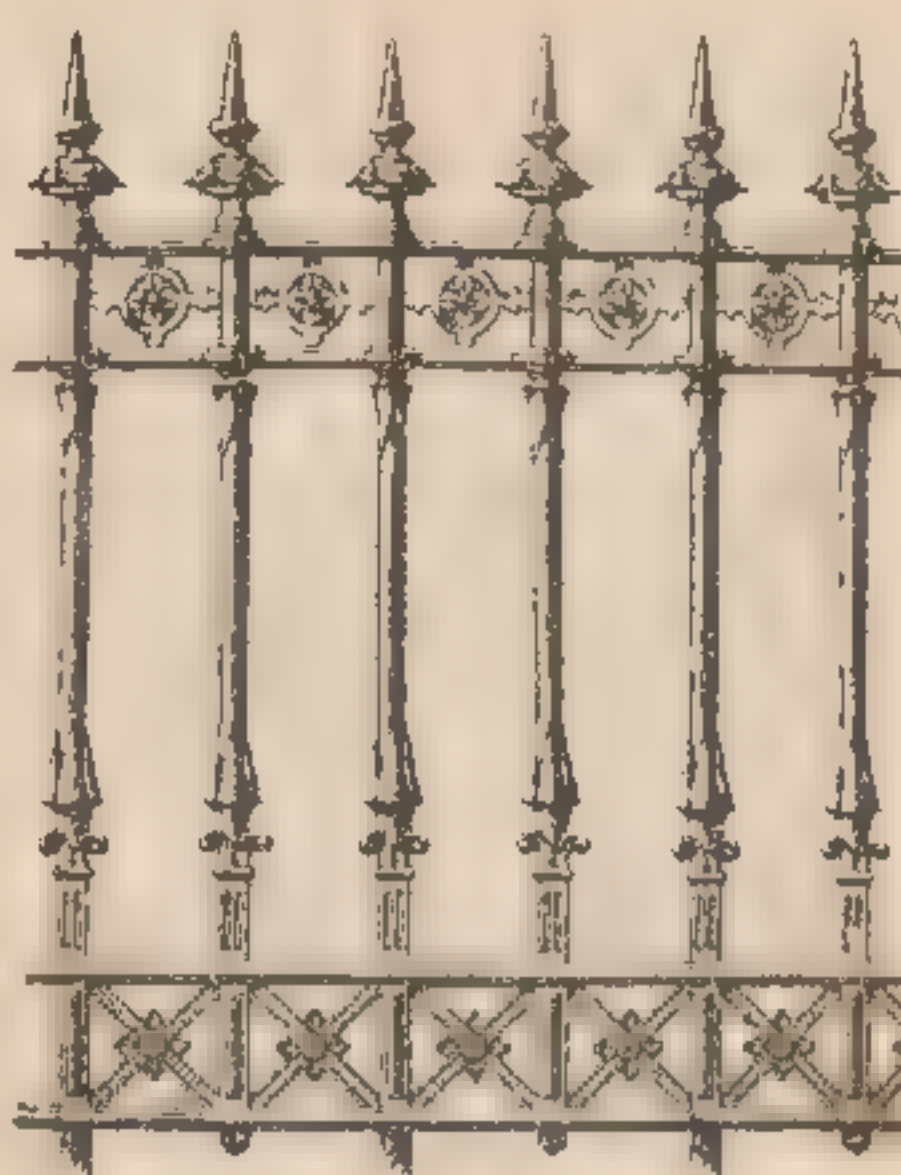
B

The feature repeats every 2' 3". Other distances to order. See also page 212

Nº 1013



Nº 1063



Nº 384



At the end of the railing

Nº 204



SCALE

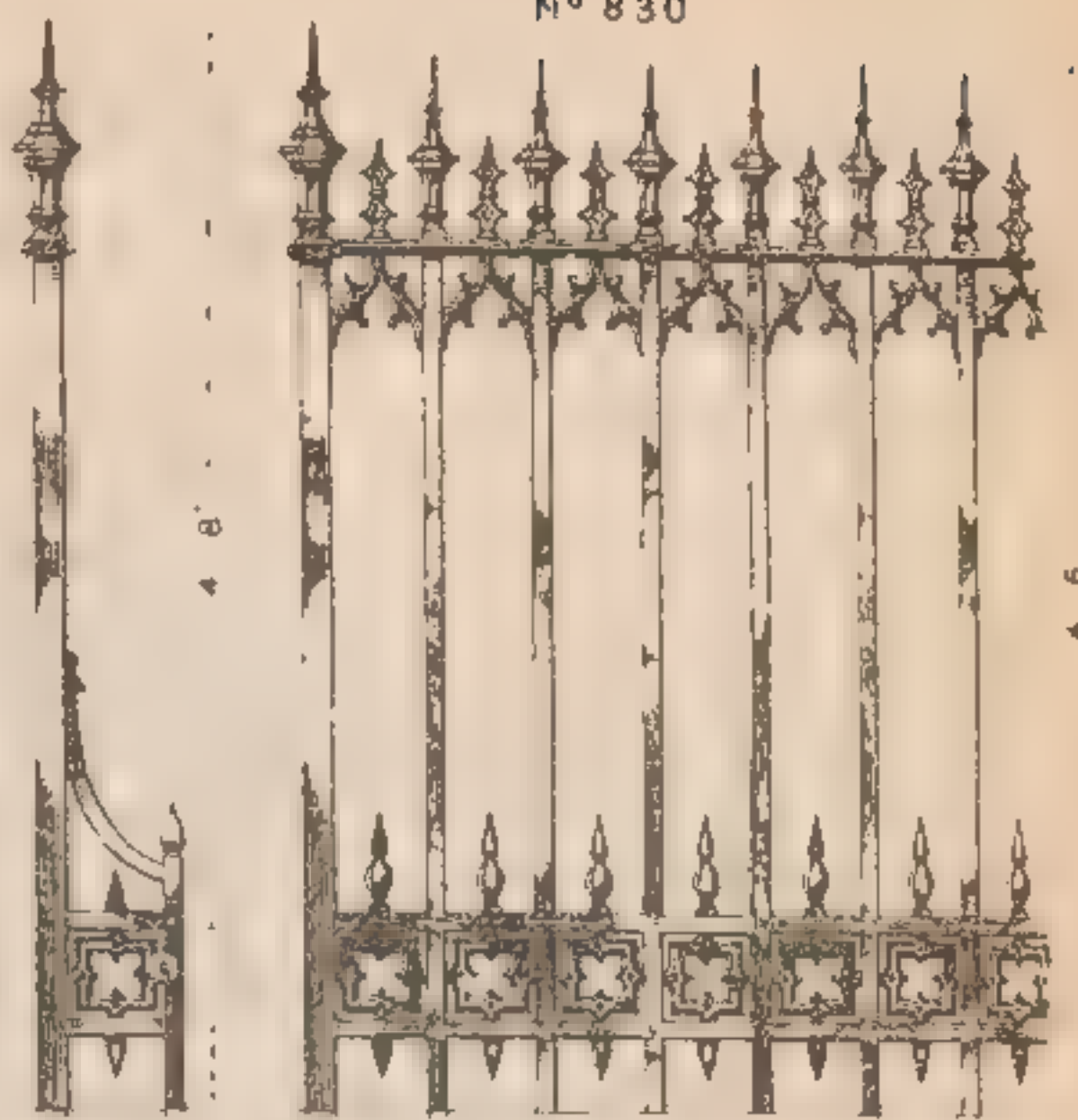
1" = 2' 0"

Nº 1023



Main Standard with Backstay repeats every 10' 0"

Nº 830

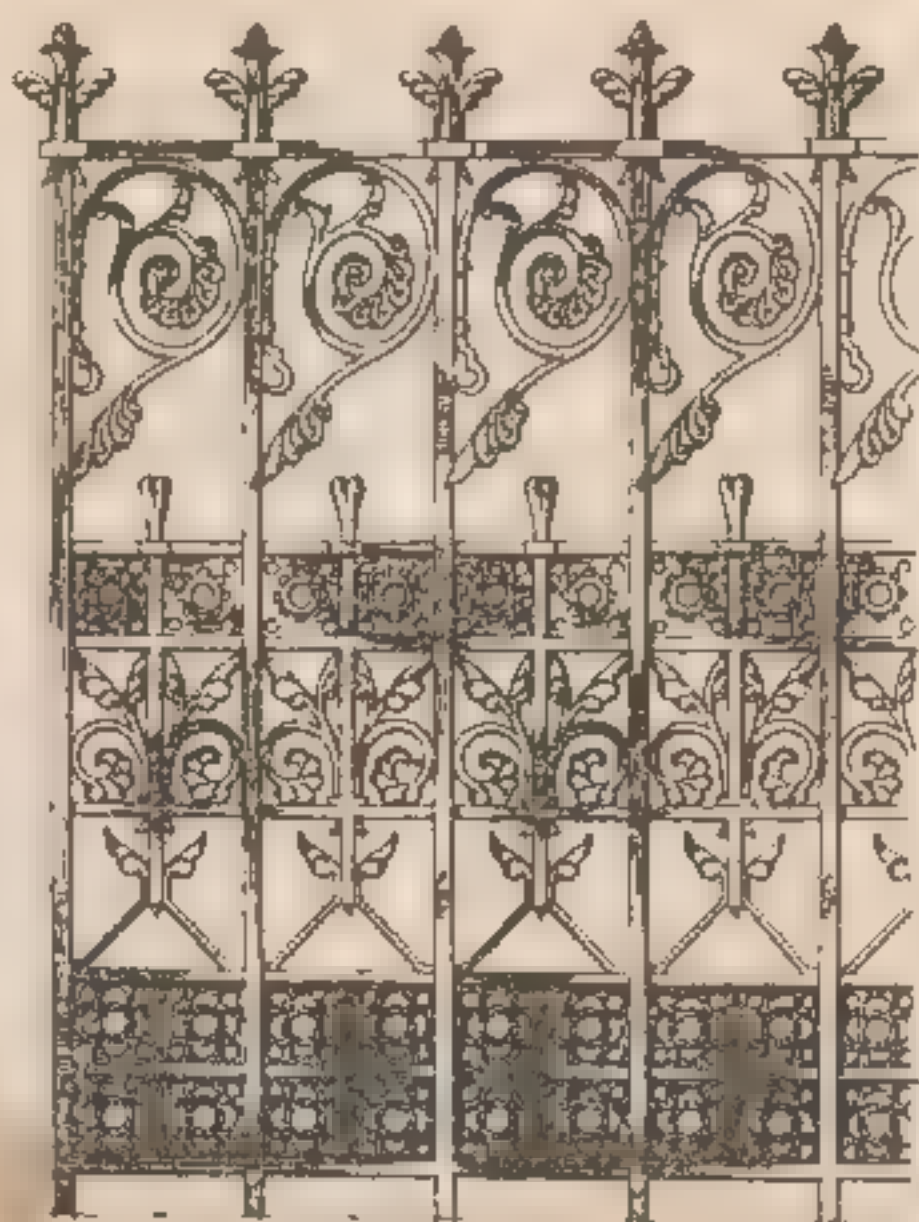


Main Standard with Backstay priced separately

Nº 874



Nº 1131



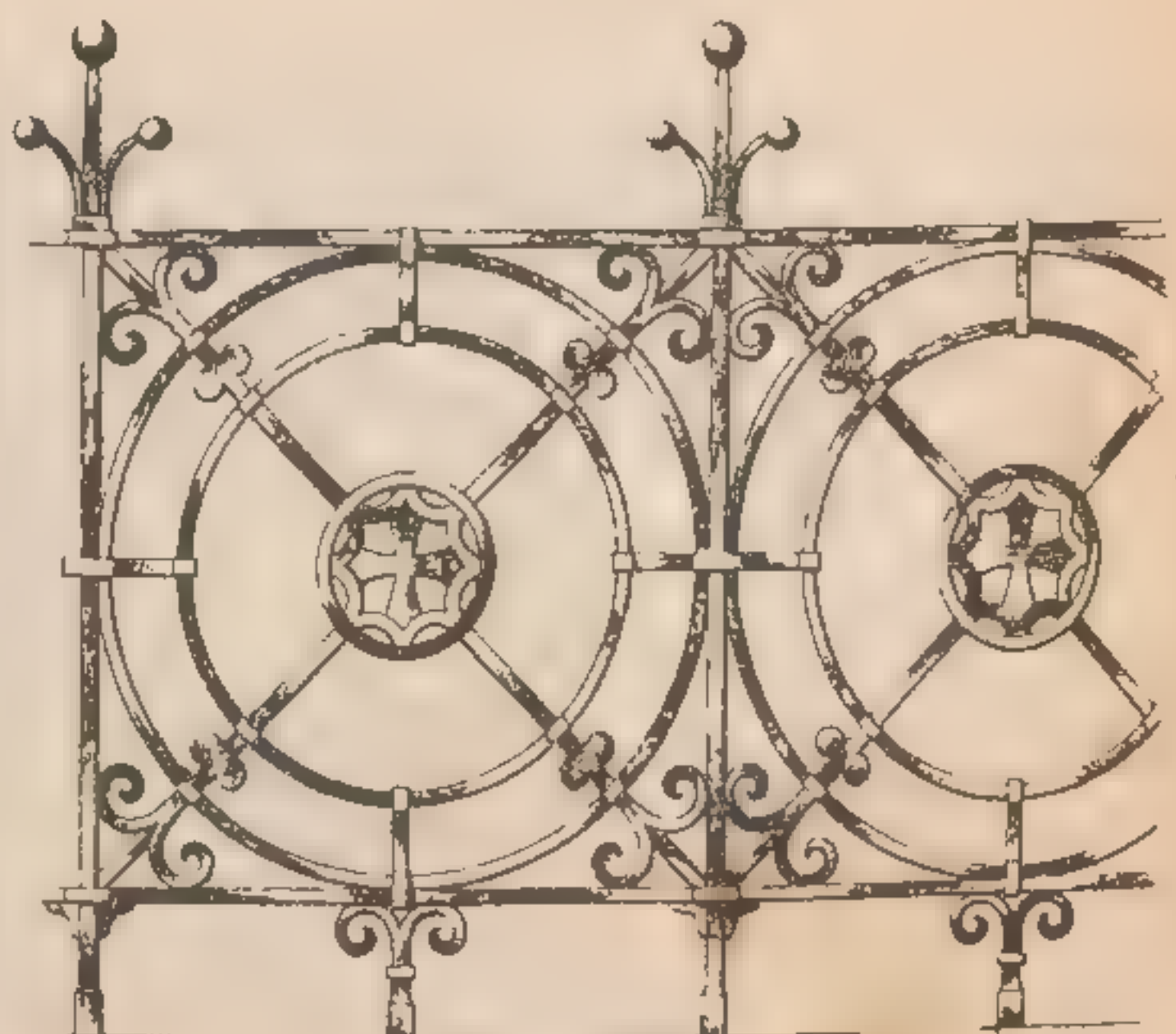
Nº 836



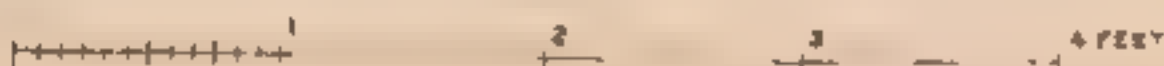
Nº 43



Nº 998



SCALE





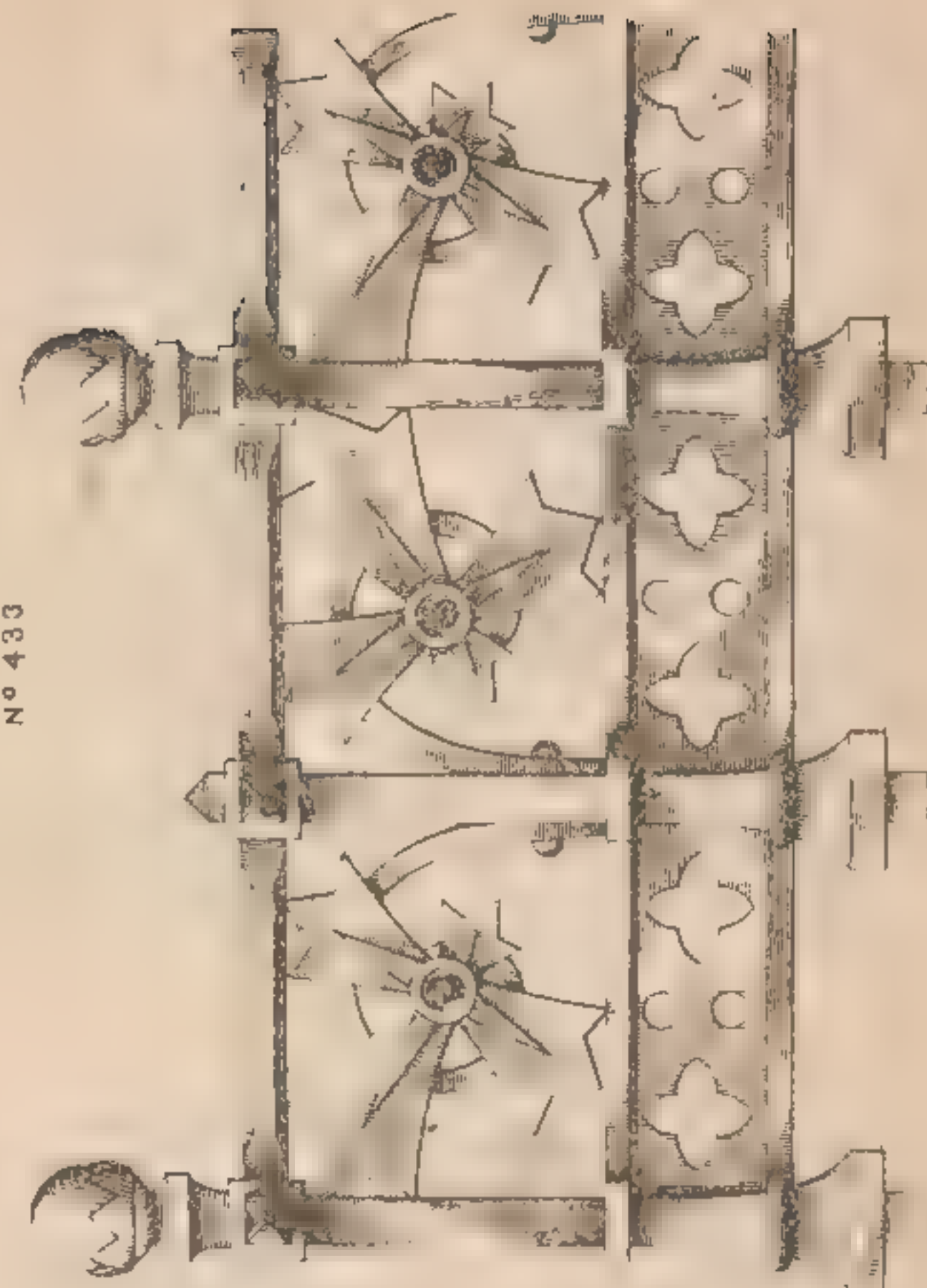
No 989

Podesta and Vases repeat at any distance to order See also page 1



No 97

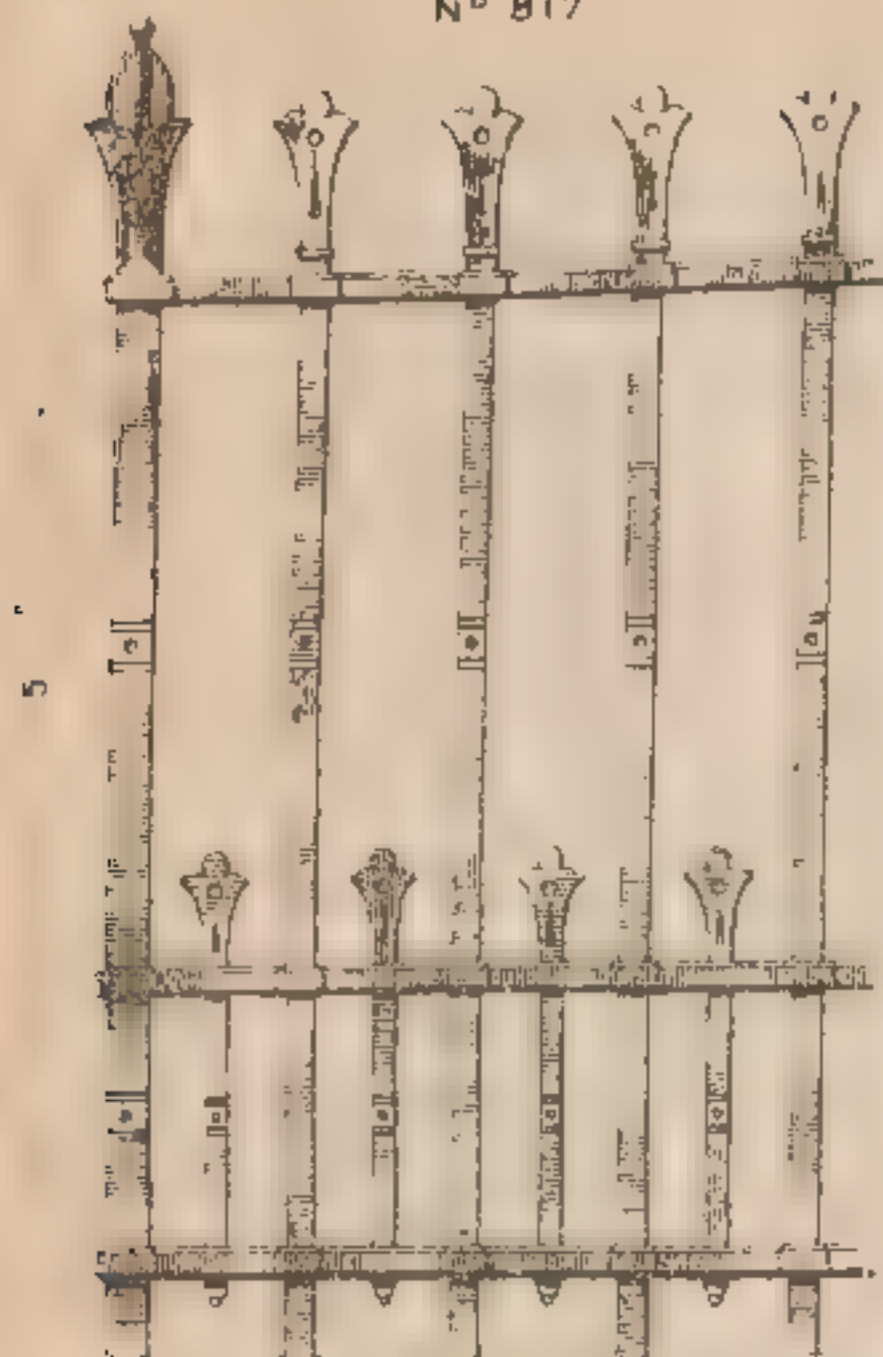
Material standard provided separately



No 433

Material standard provided separately

Nº 817

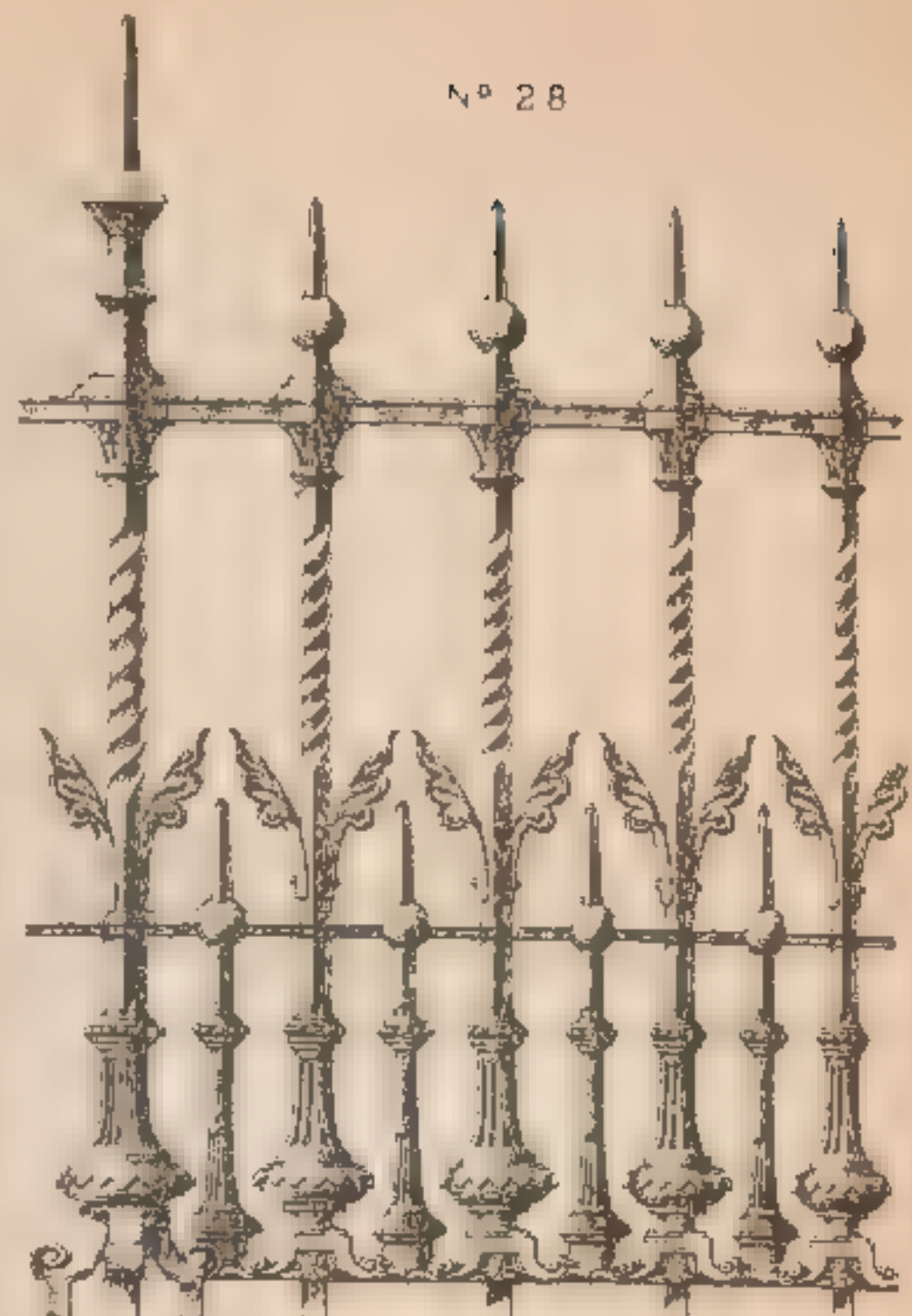


Main Standard priced separately

Nº 2

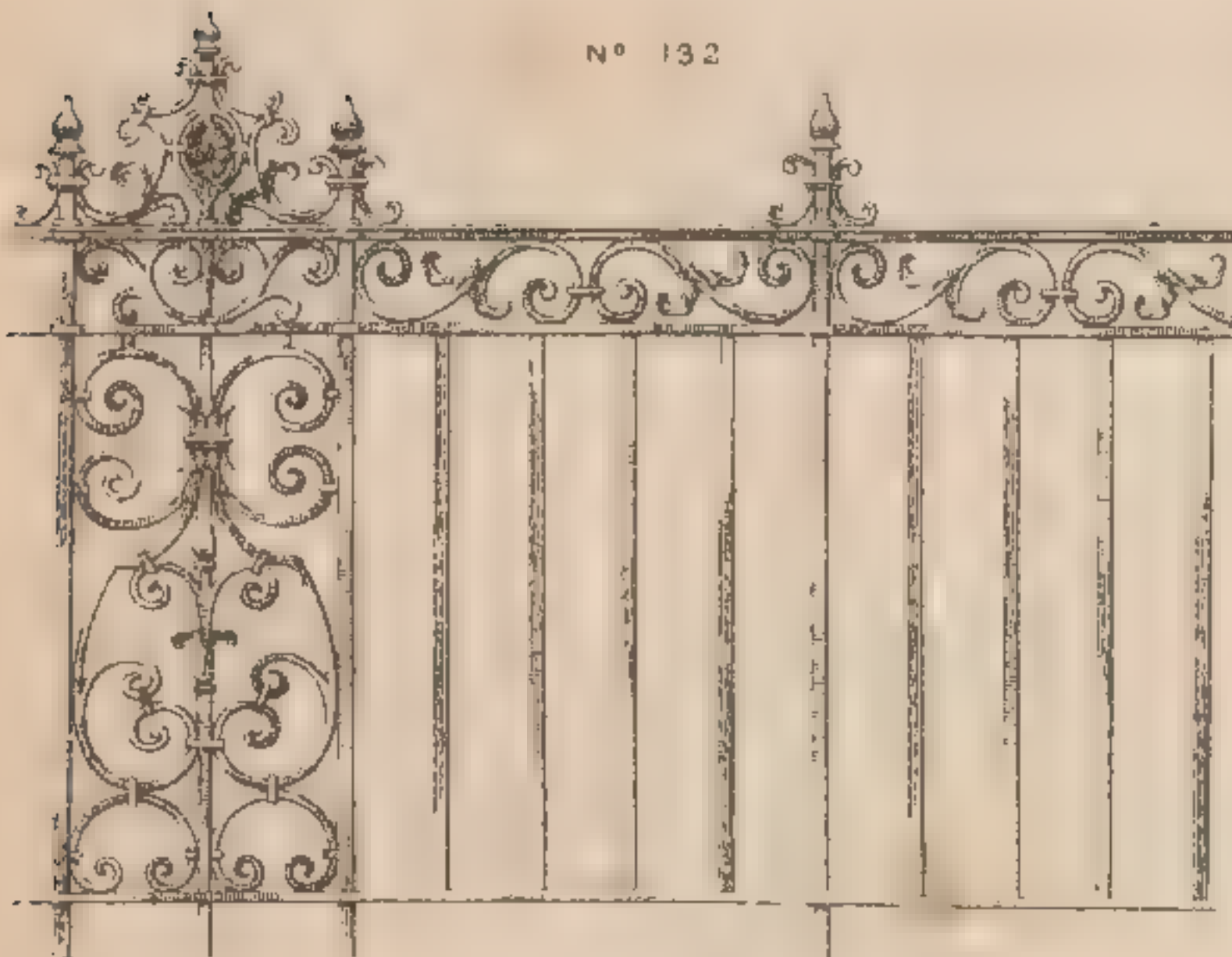


Nº 28



Main Standard priced separately

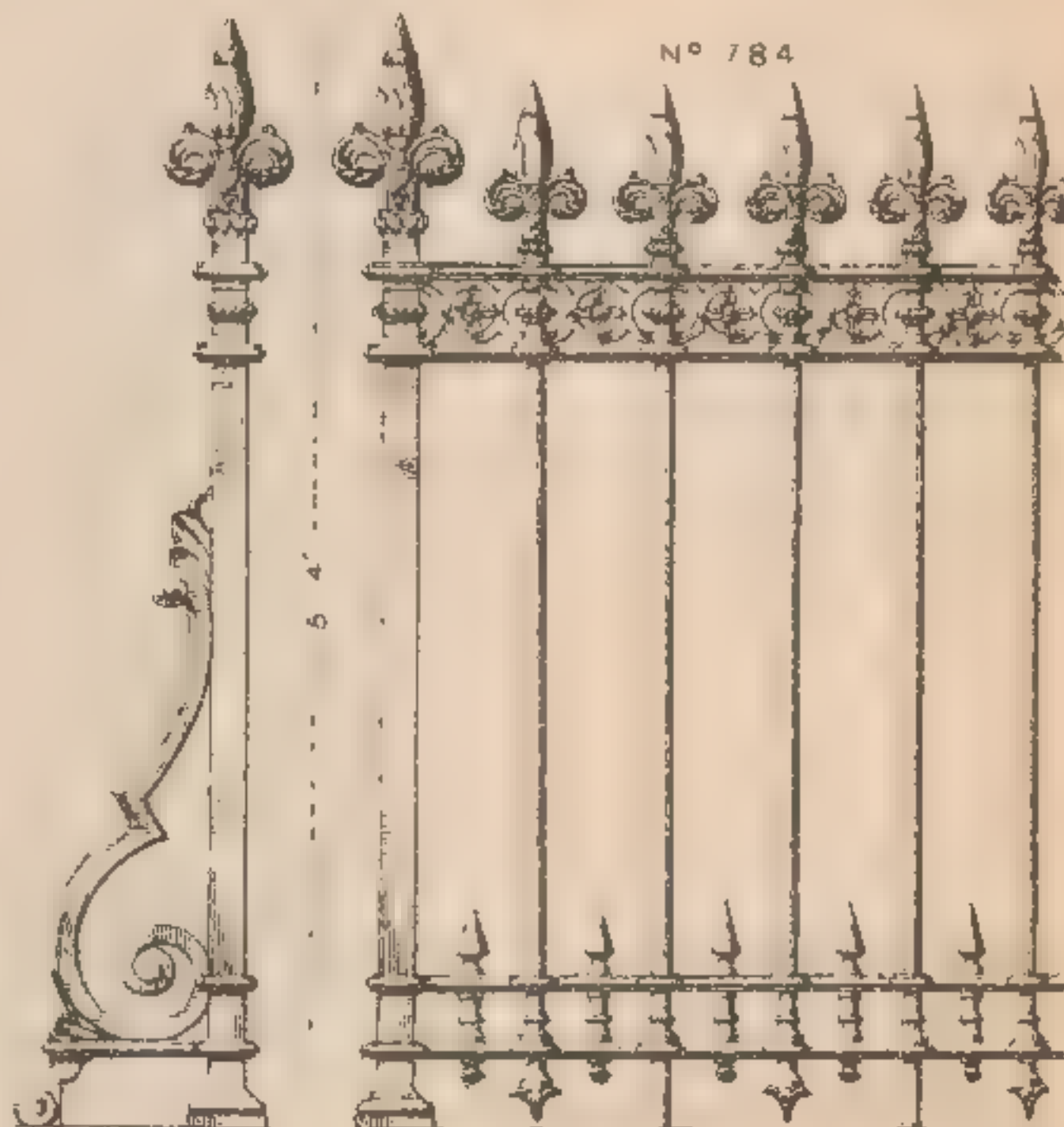
Nº 132



Main Standard repeats every 6' 0"

4' 8"

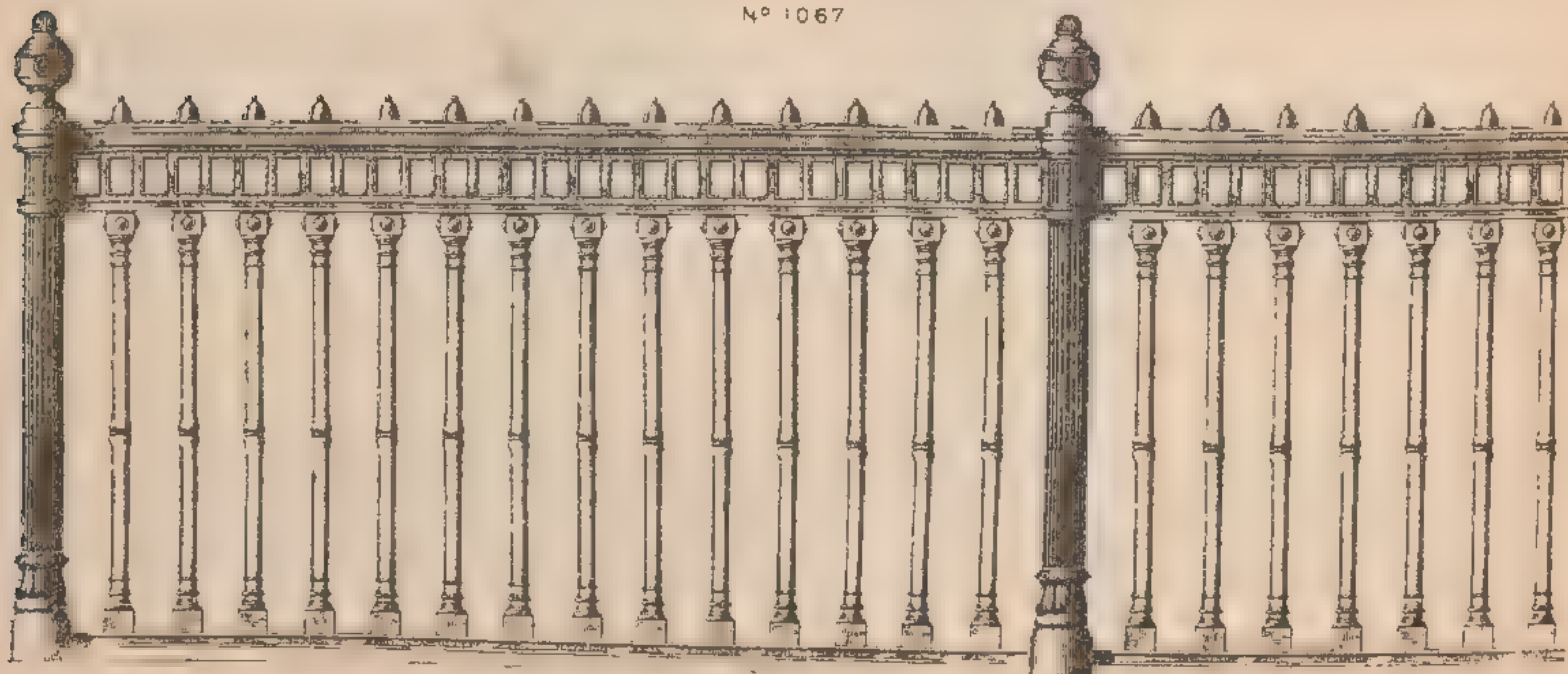
Nº 784



Main Standard with Backstay priced separately

5' 0"

Nº 1067



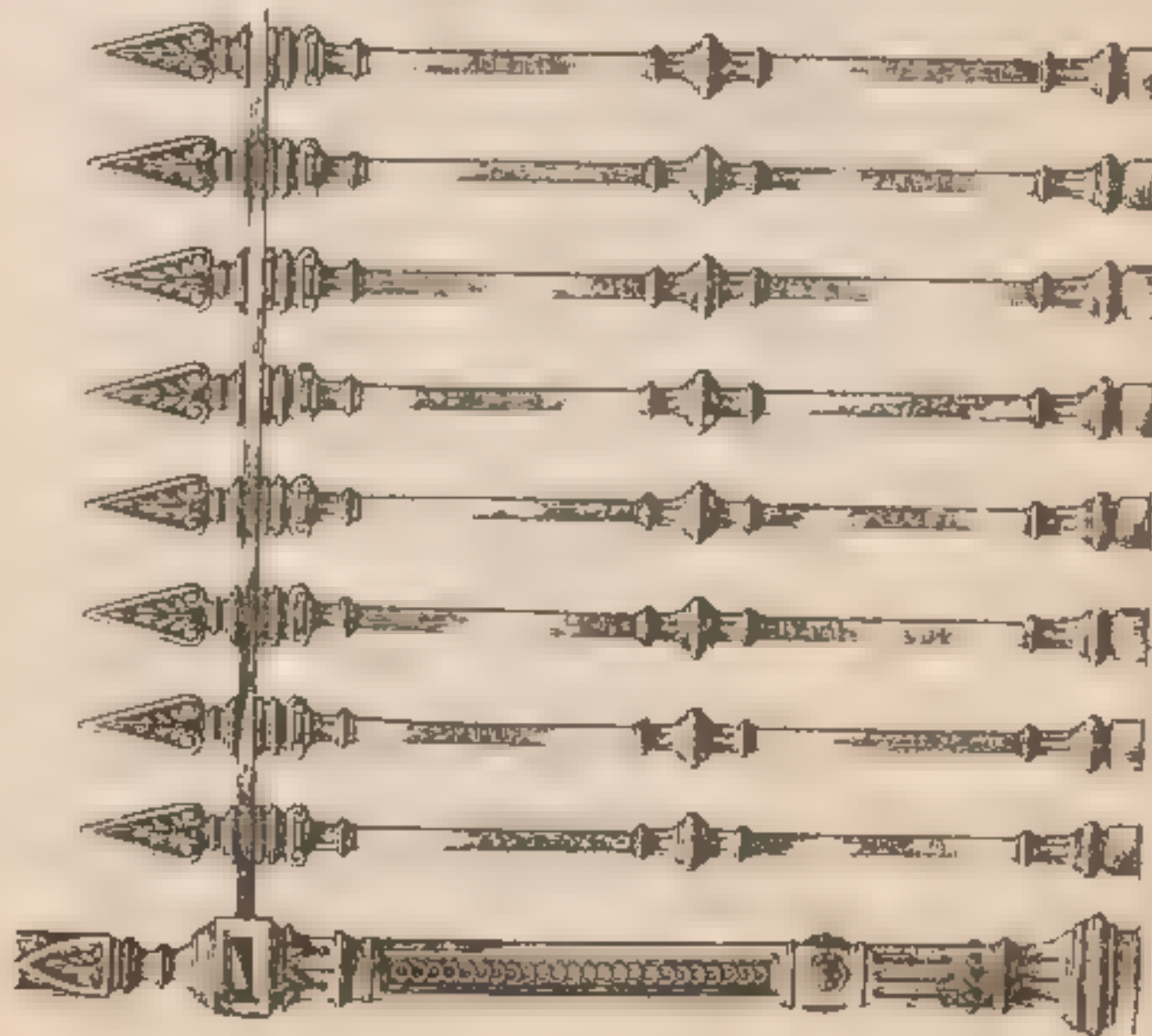
4' 9 1/2"

Nº 163



AND 2 FACES
 The entire feature 1 face repeats every 15 2 1/2 ft. 2 faces every 15 4 ft. 6 in. 1 ft. 6 in. 6 in. See also page 200

Nº 967



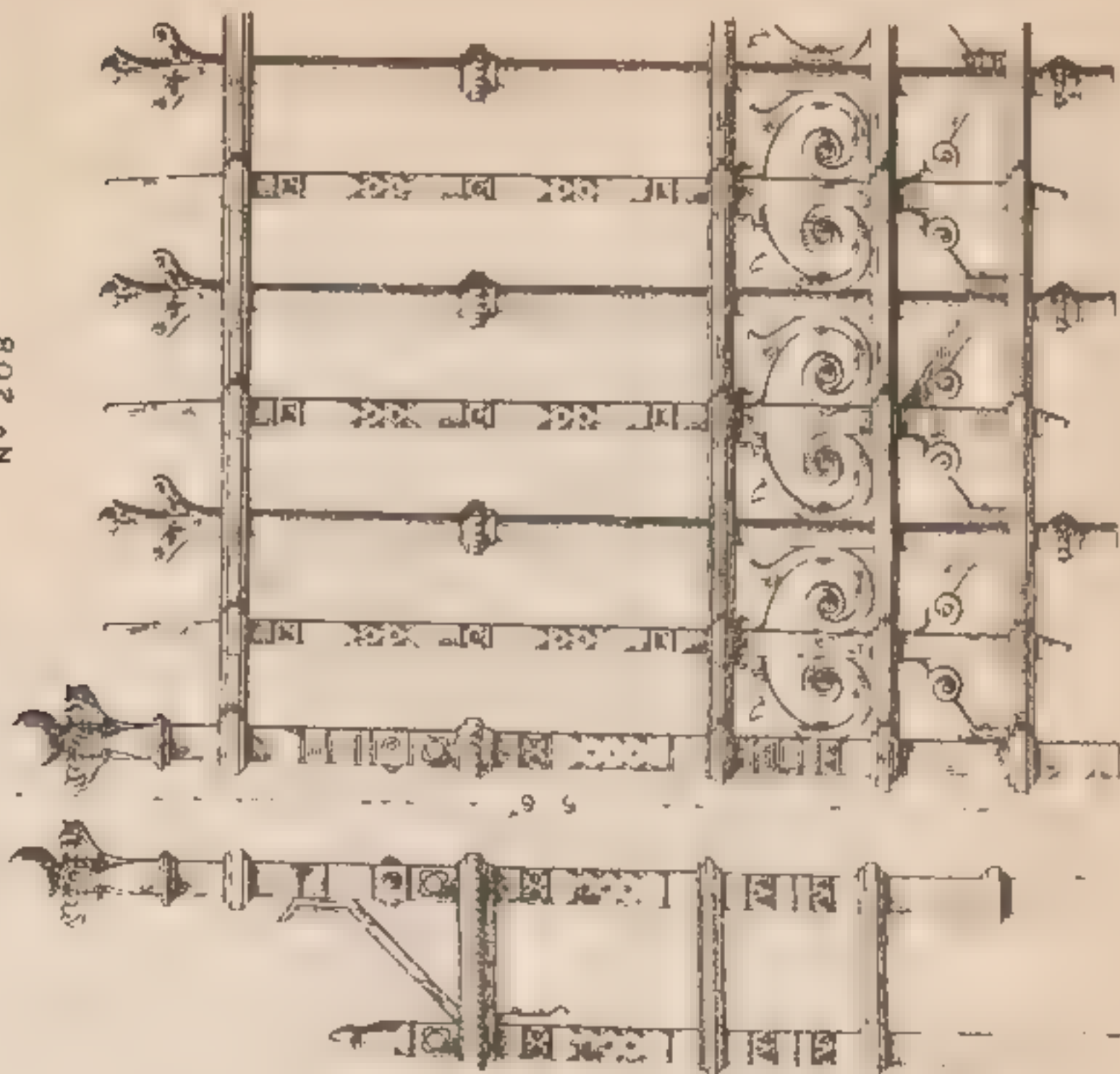
Main Standard repeats every 10 3/4 ft.

Nº 474



Main Standard with 1/2 distance between posts

Nº 208



Main Standard with Backstay priced separately

MACFARLANE'S CASTINGS — RAILING

274



No. 149

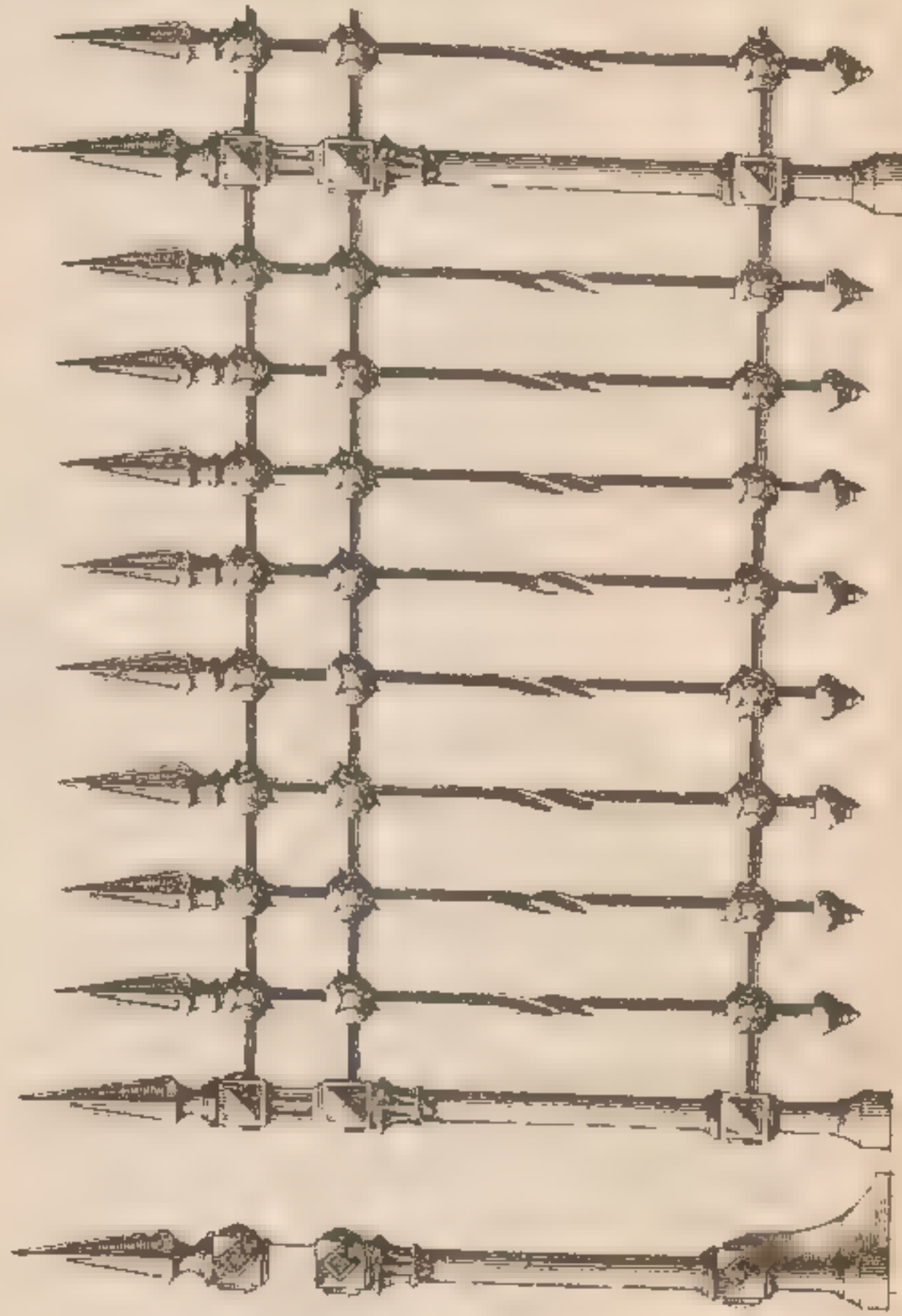
F A E

See also page 231

No. 83



No. 48



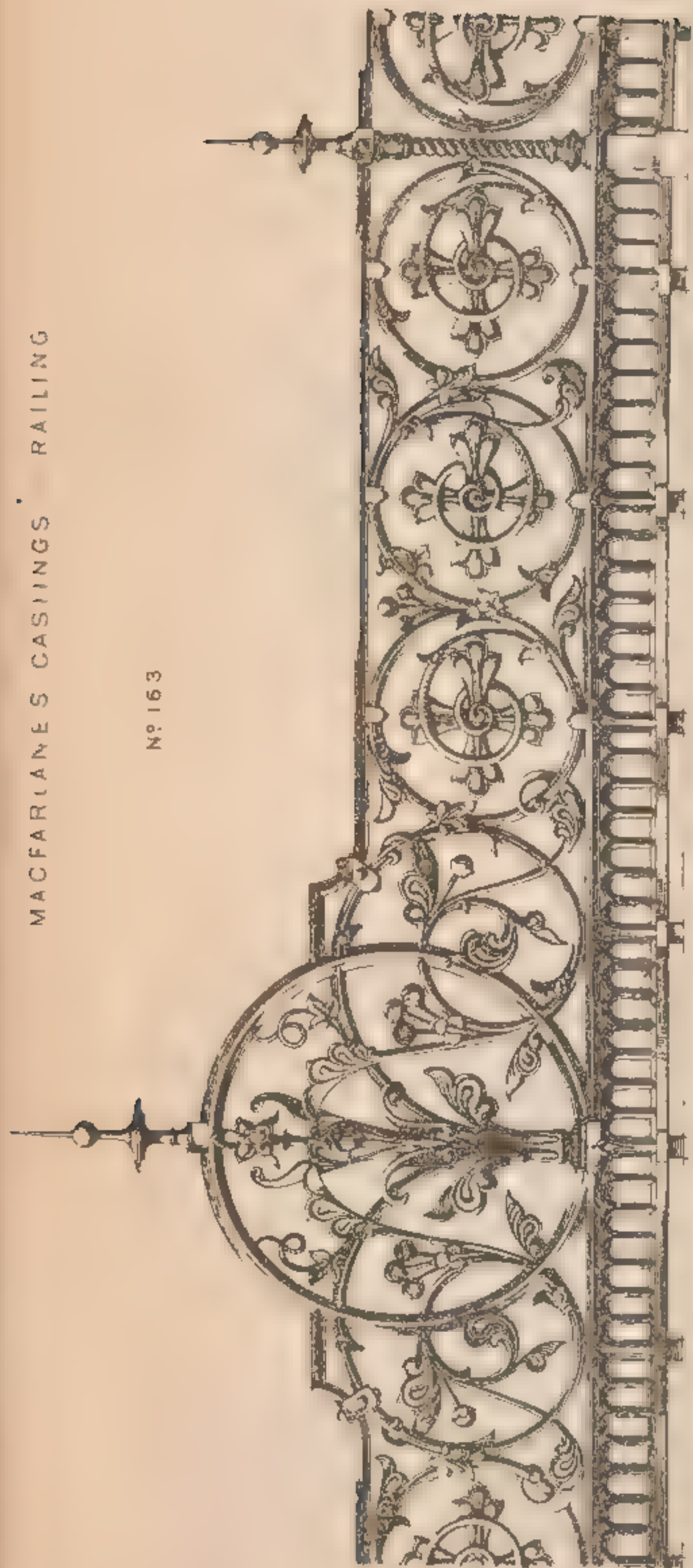
No. 739



See also page 231

See also page 231

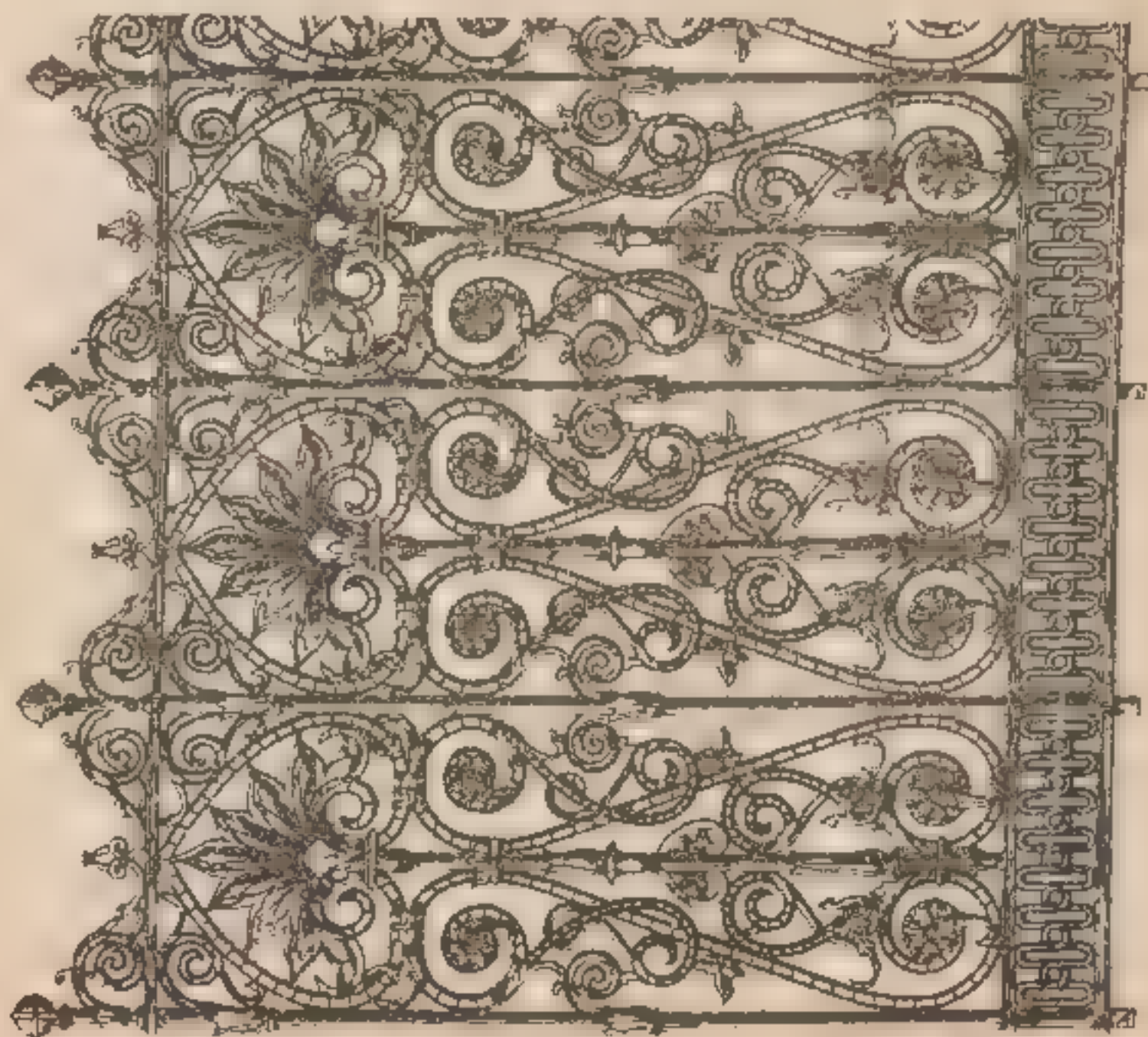
No 163



1 AND 2 FACES

Centre feature & face repeats every 15' 3 1/4", a face every 15' 4". Other distances to order. See also page 227

No 63



No 207



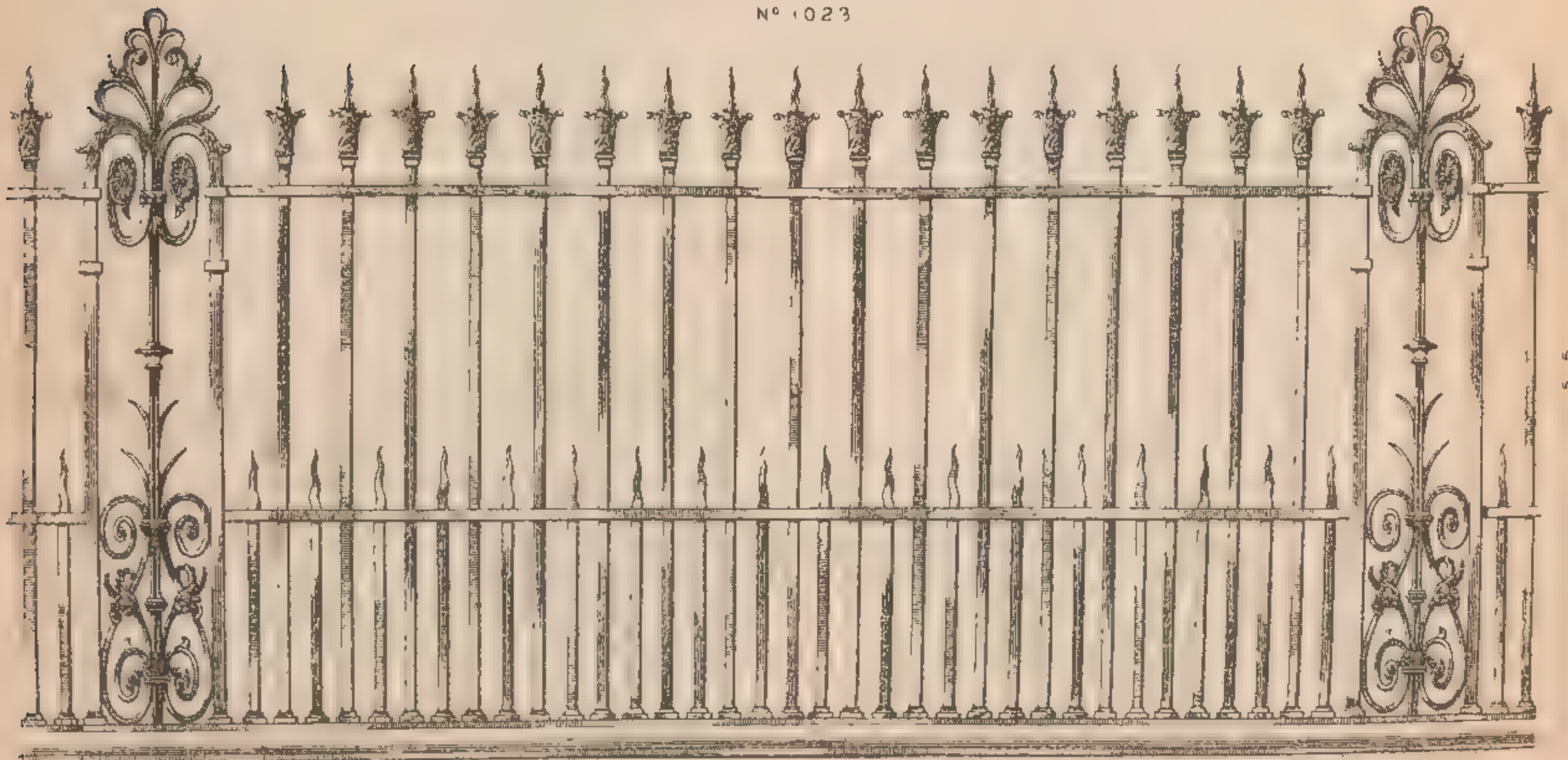
No 063



Nº 842



Nº 1023



SCALE

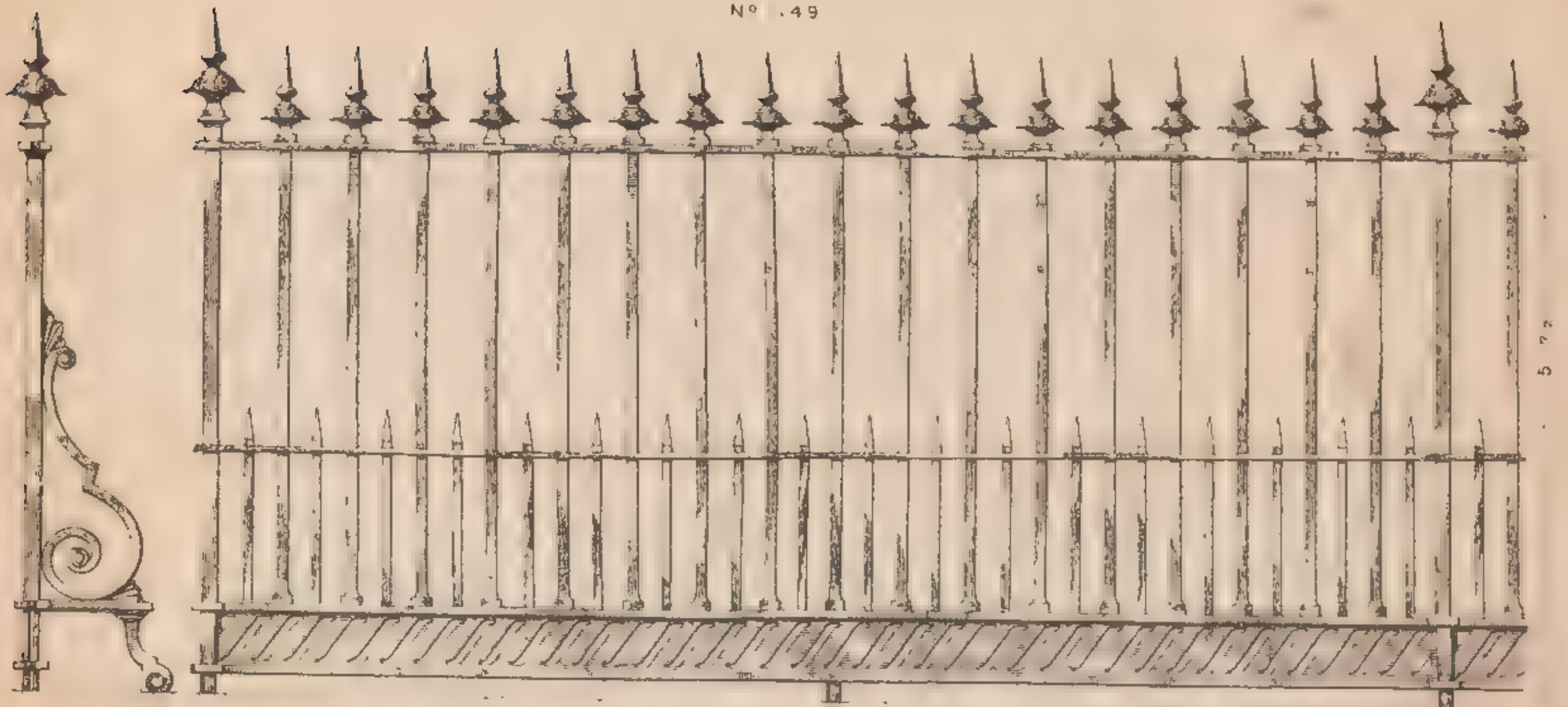


2

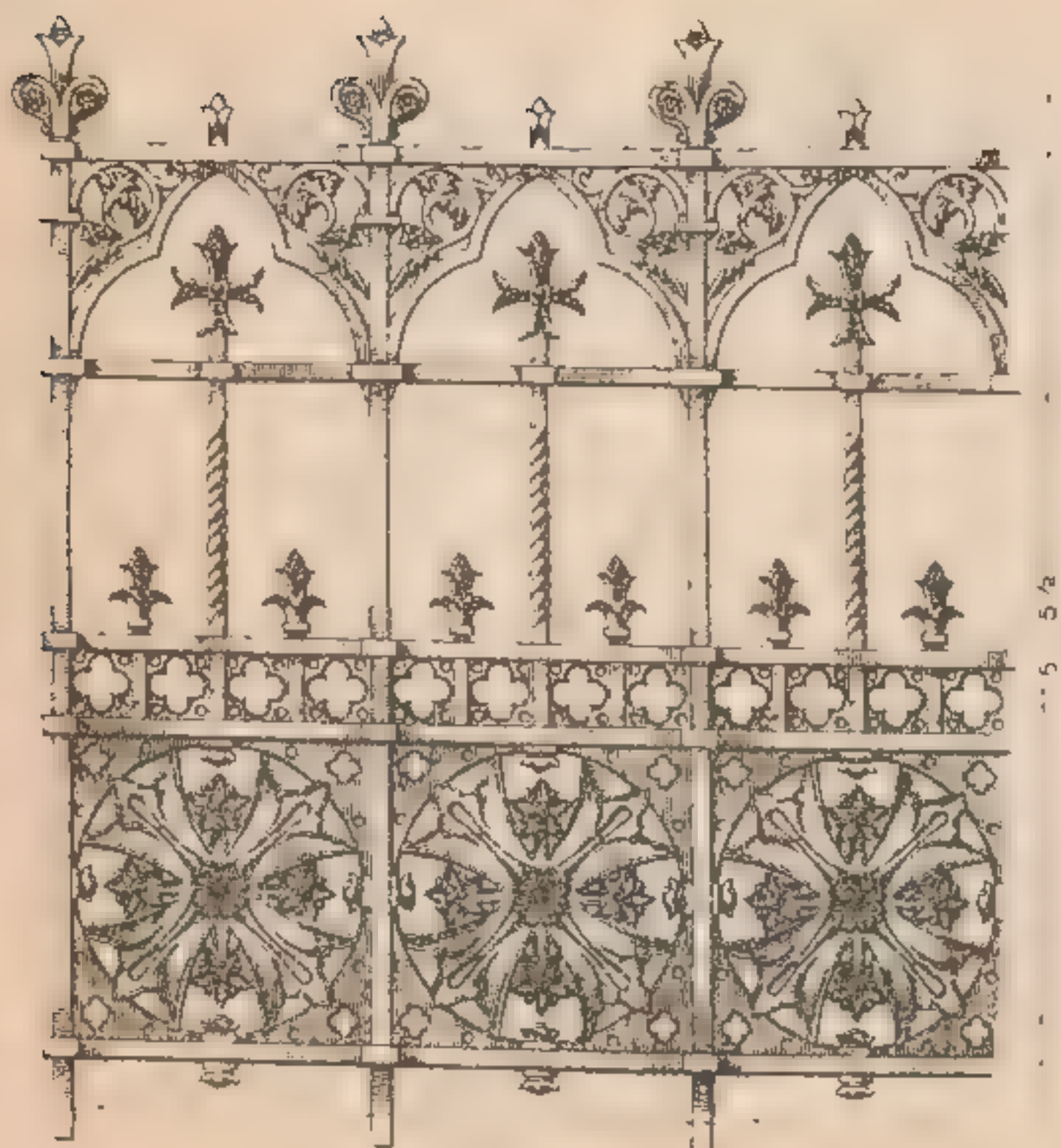
3

4 FEET

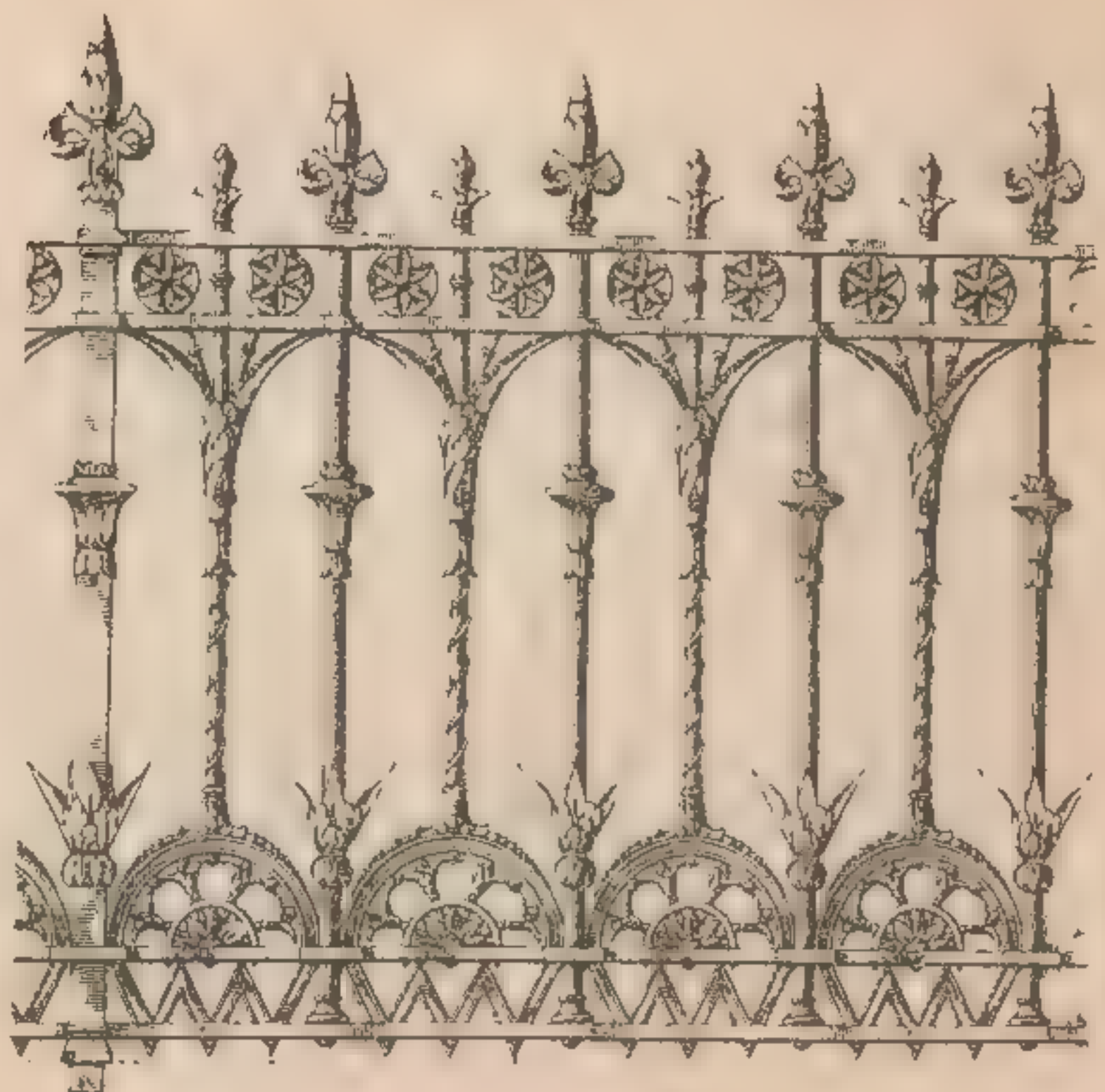
Nº 49



Nº 457



Nº 473

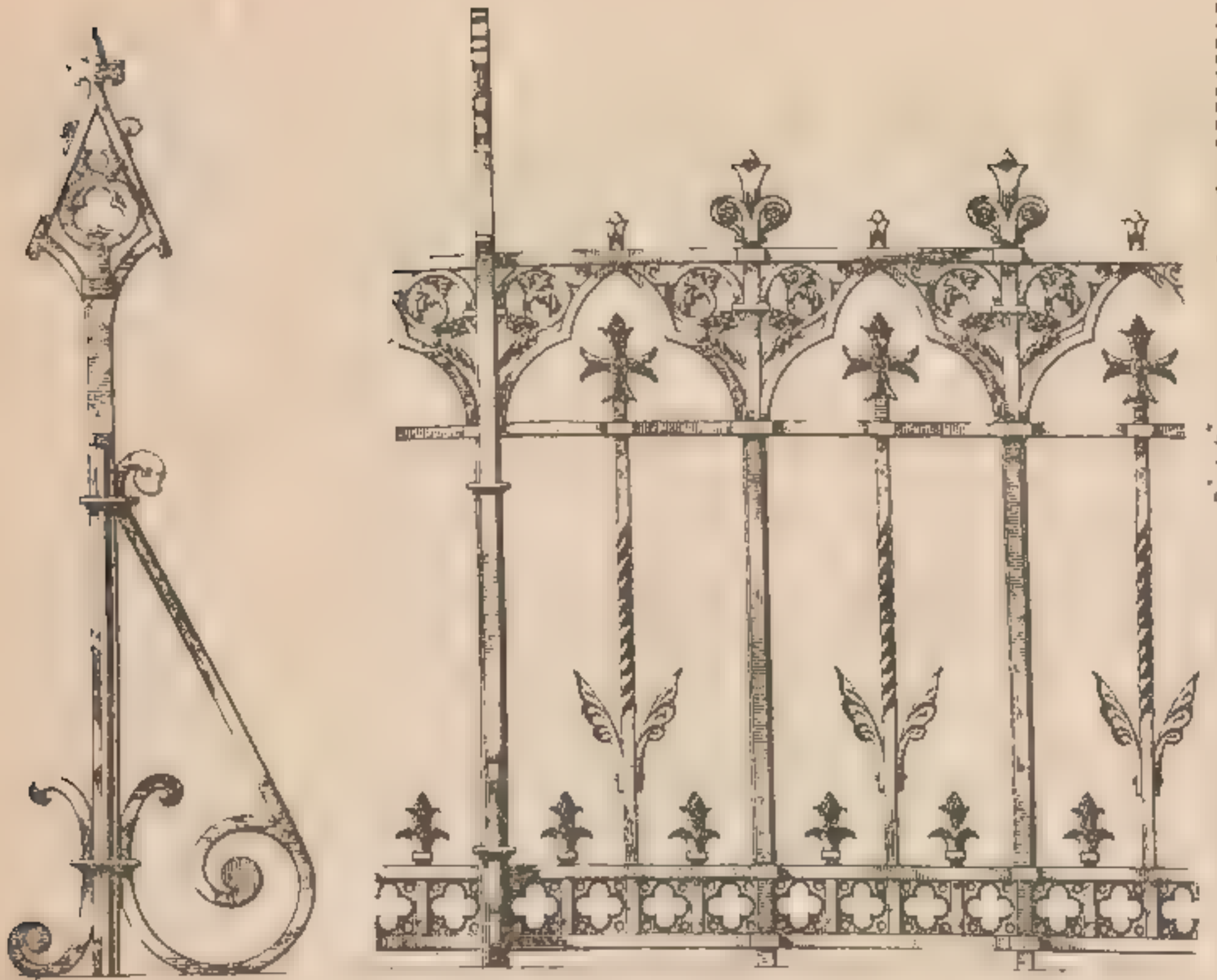


Main Standard with Backstay repeats every 8' 10"

SCALE

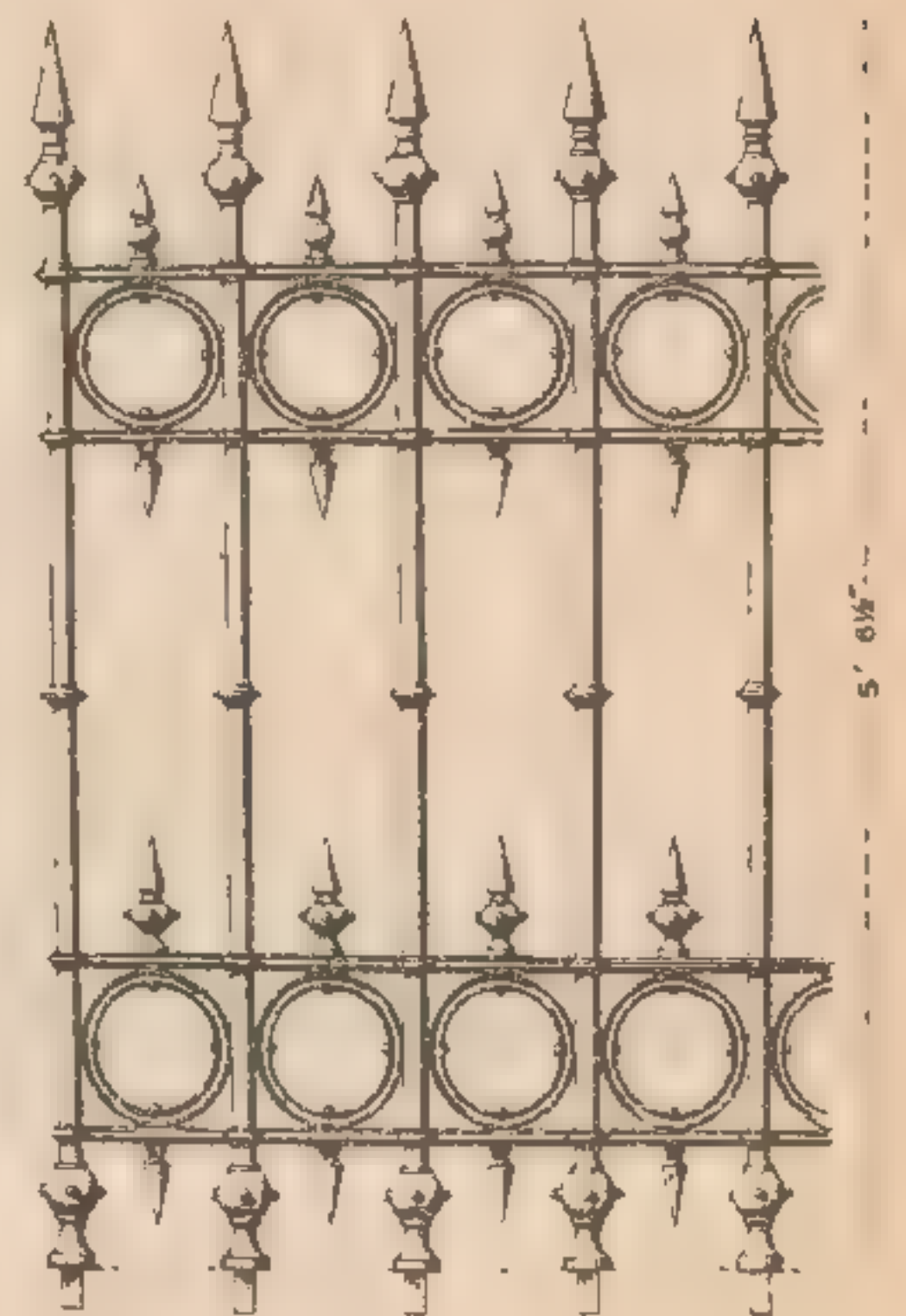
1" = 2' 3" 4' 6' 7'

Nº 457



Main Standard with Backstay repeats every 9' 7 1/2"

Nº 757



Nº 990

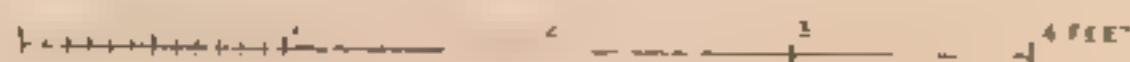


Nº 784



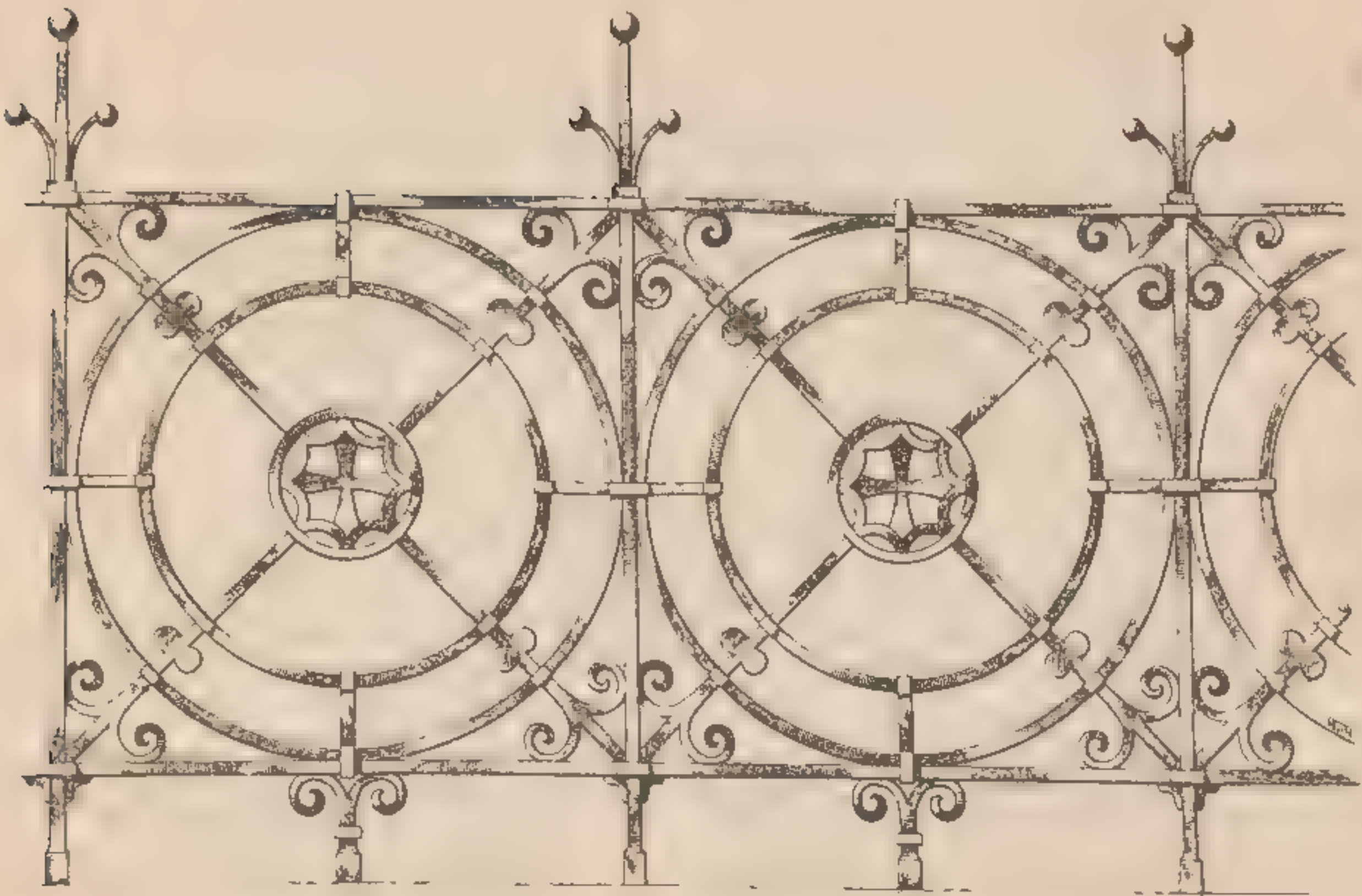
Main Standard with Backstay repeats every 9' 0"

SCALE

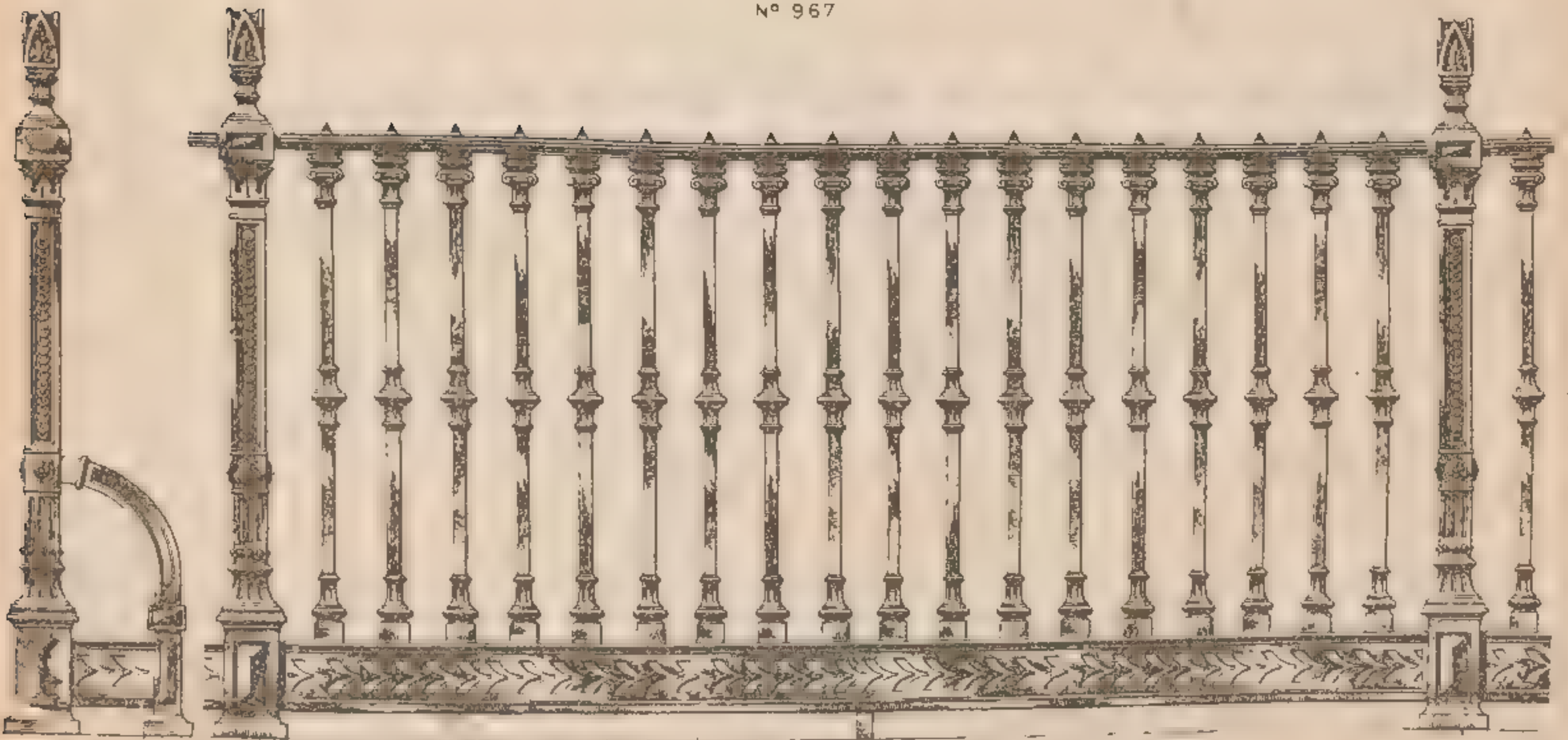


MACFARLANE'S CASTINGS — RAILING

Nº 998



Nº 967



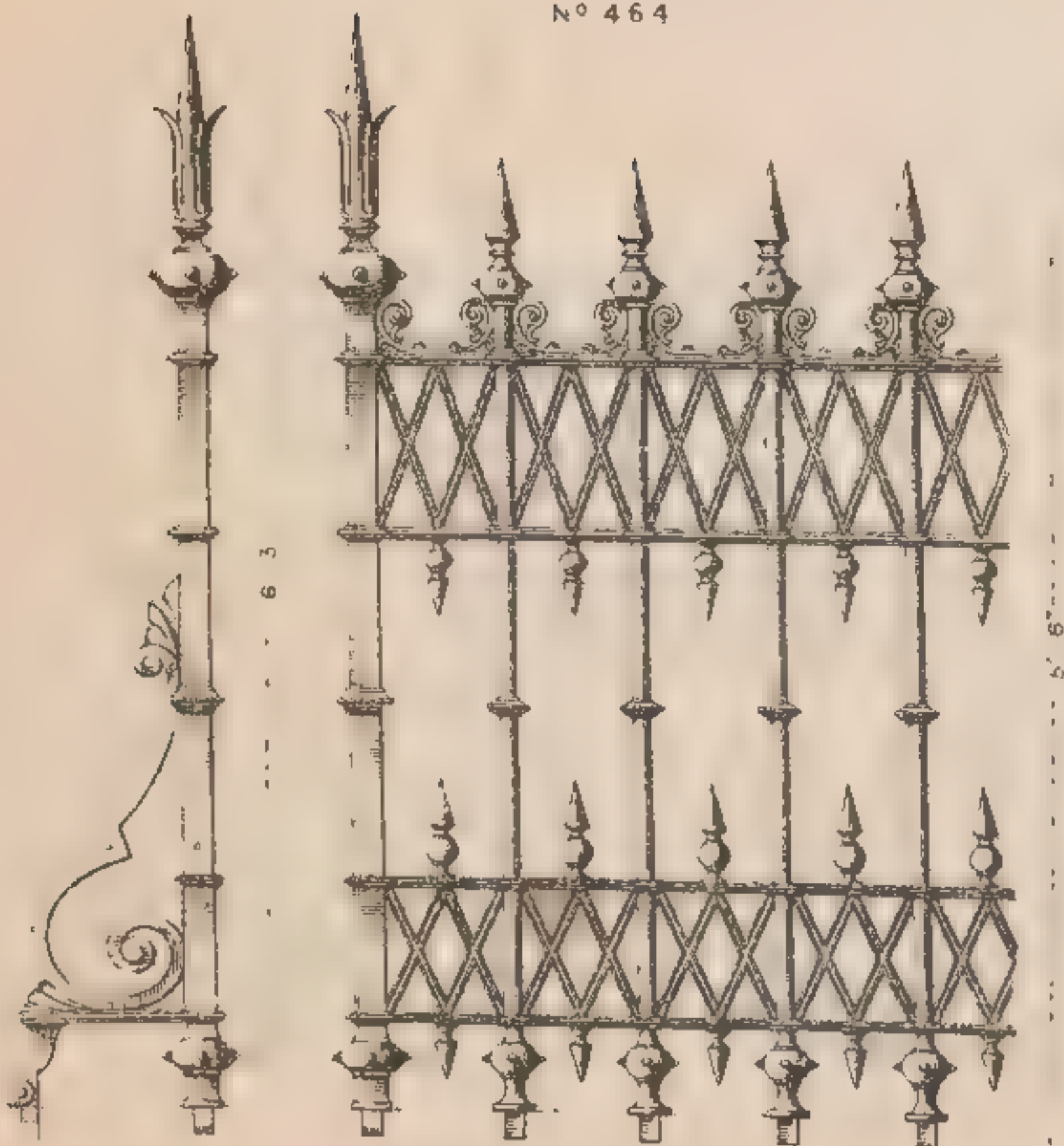
SCALE

1 2 3 4 FEET

Nº 4 R

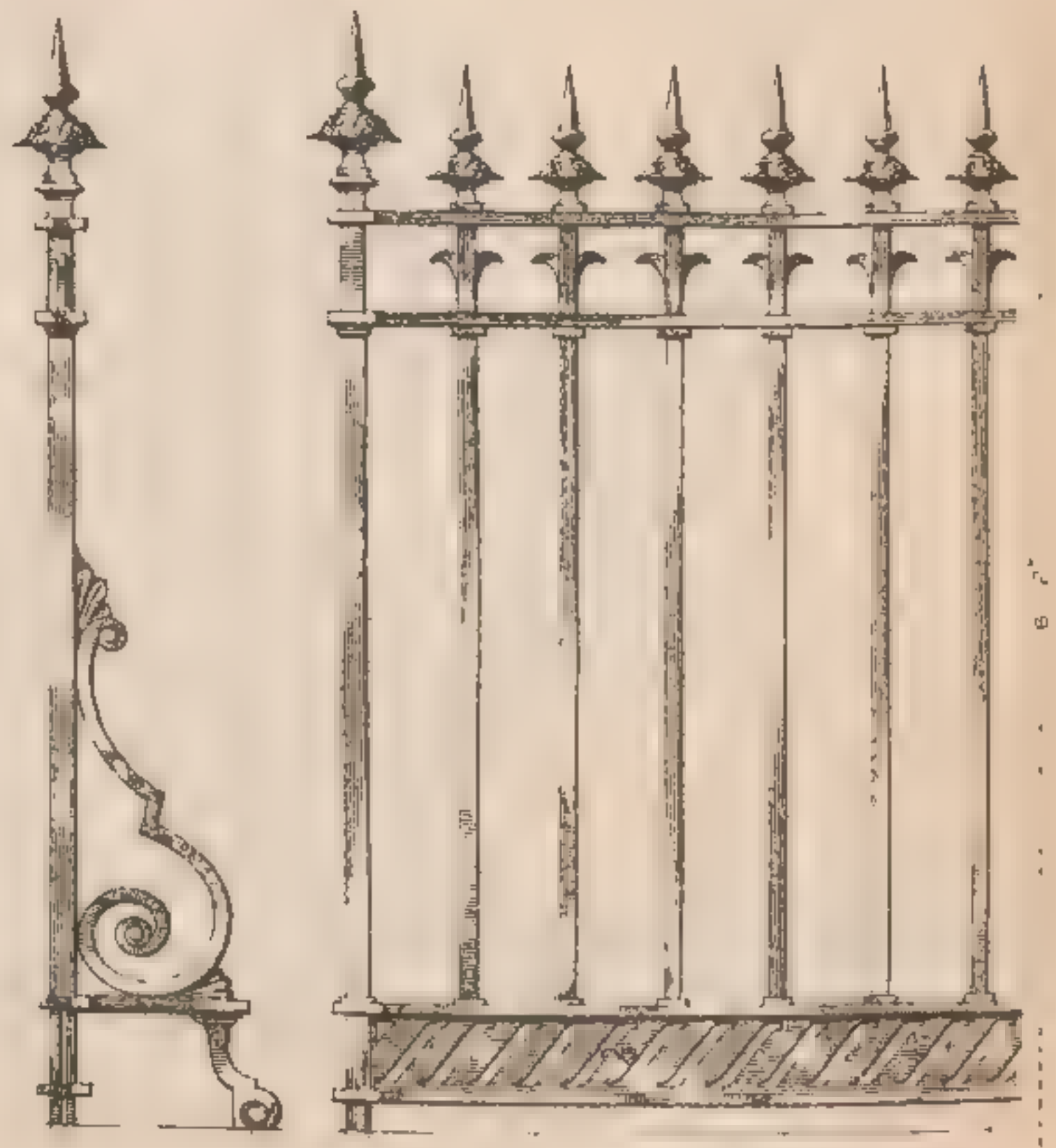


Nº 464



Make Standard with Backstay piece separately

Nº 872



Make Standard with Backstay rope to every 9 10"

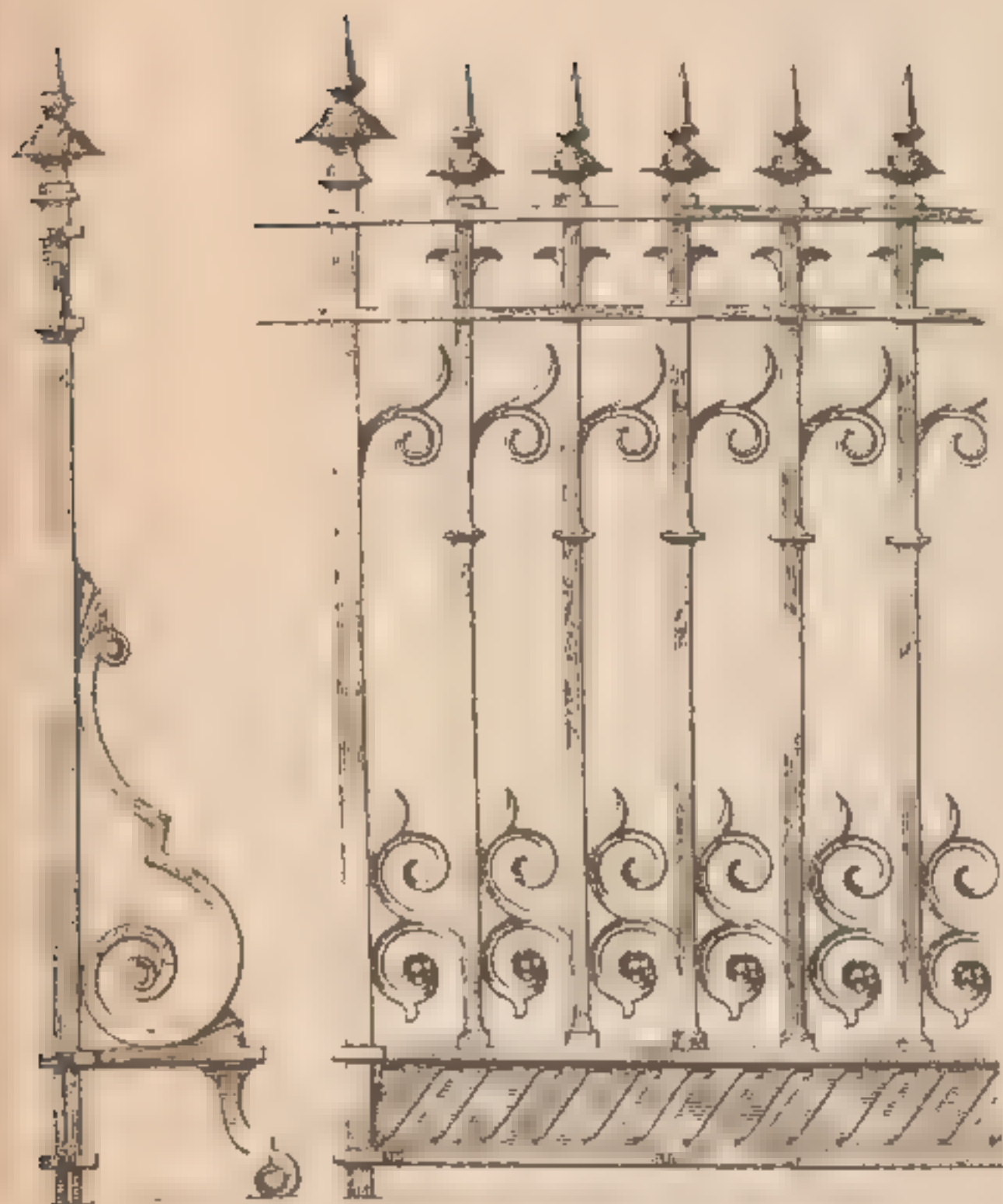
SCALE

2

4 FEET

MACFARLANE'S CASTINGS — RAILING

Nº 03



Main Standard with Backstay repeats every 4' 10"

Nº 39



Main Standard with Backstay repeats every 10' 0"

Nº 1023

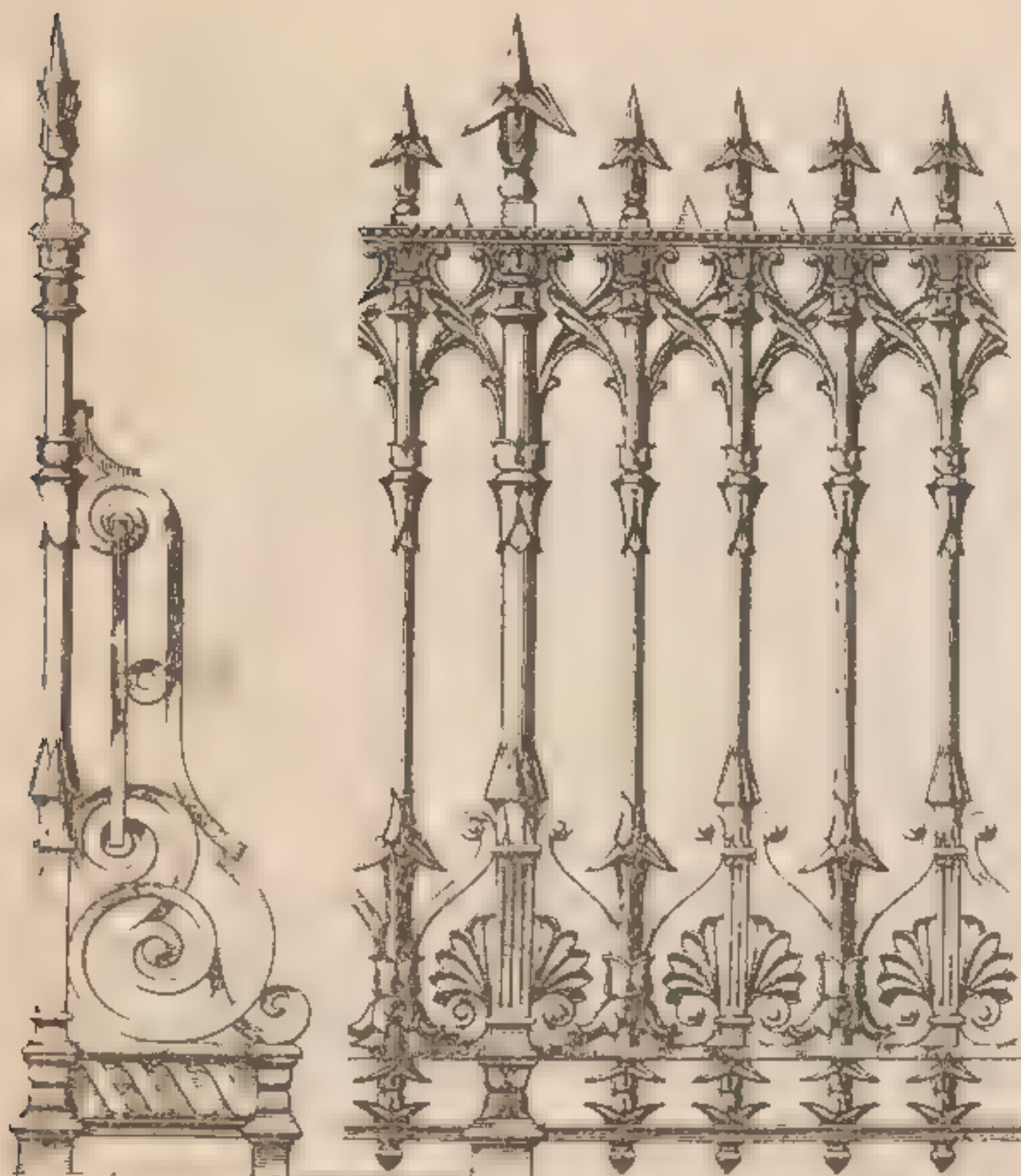


Main Standard with Backstay repeats every 10' 0"

Nº 843



Nº 774



Main standard with Backstay repeats every 4' 6"

Nº 83



The rails marked A are wrought iron.

SCALE

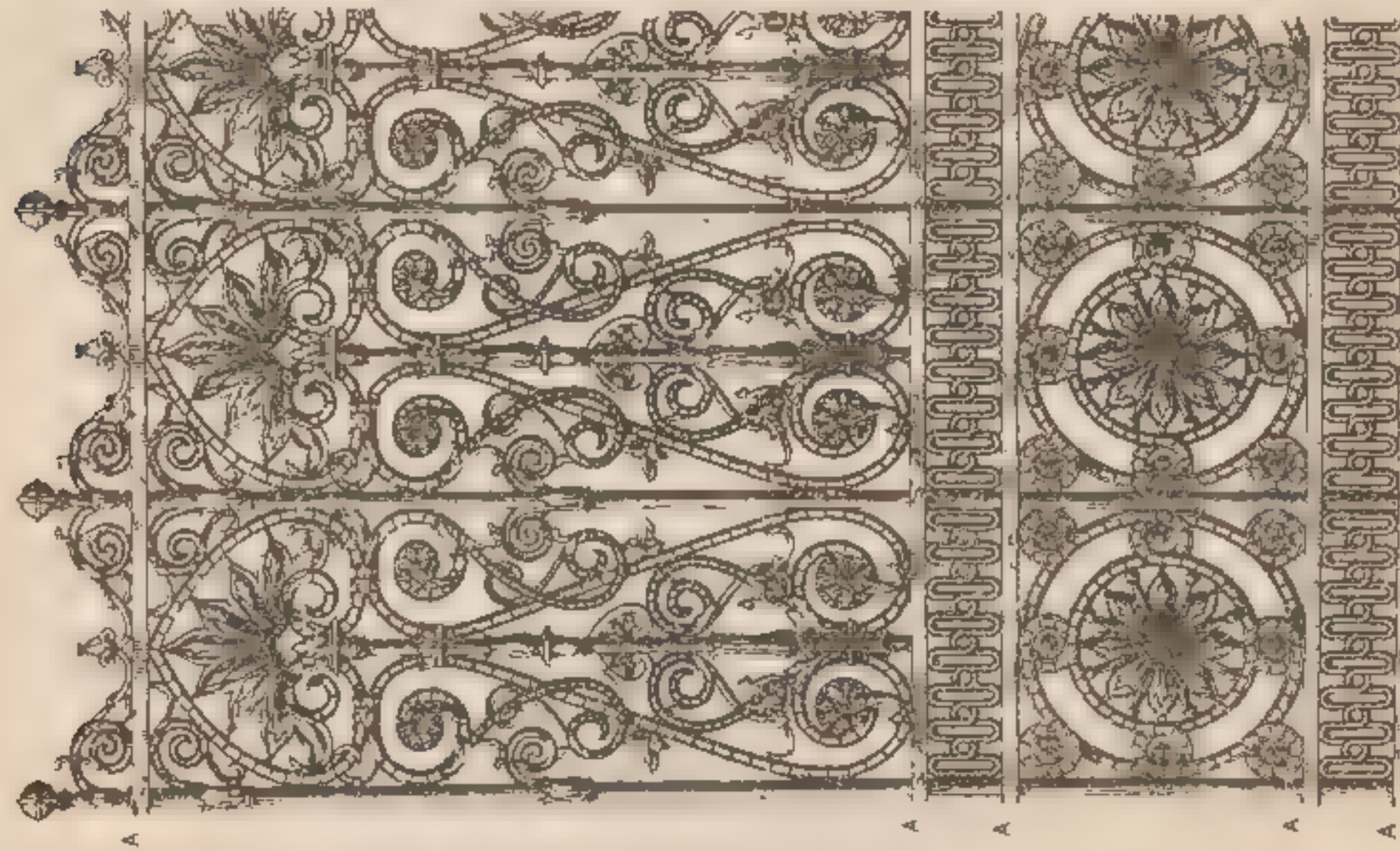
4 FEET

N^o 739



Main Standard with Backstay repeats every 10'

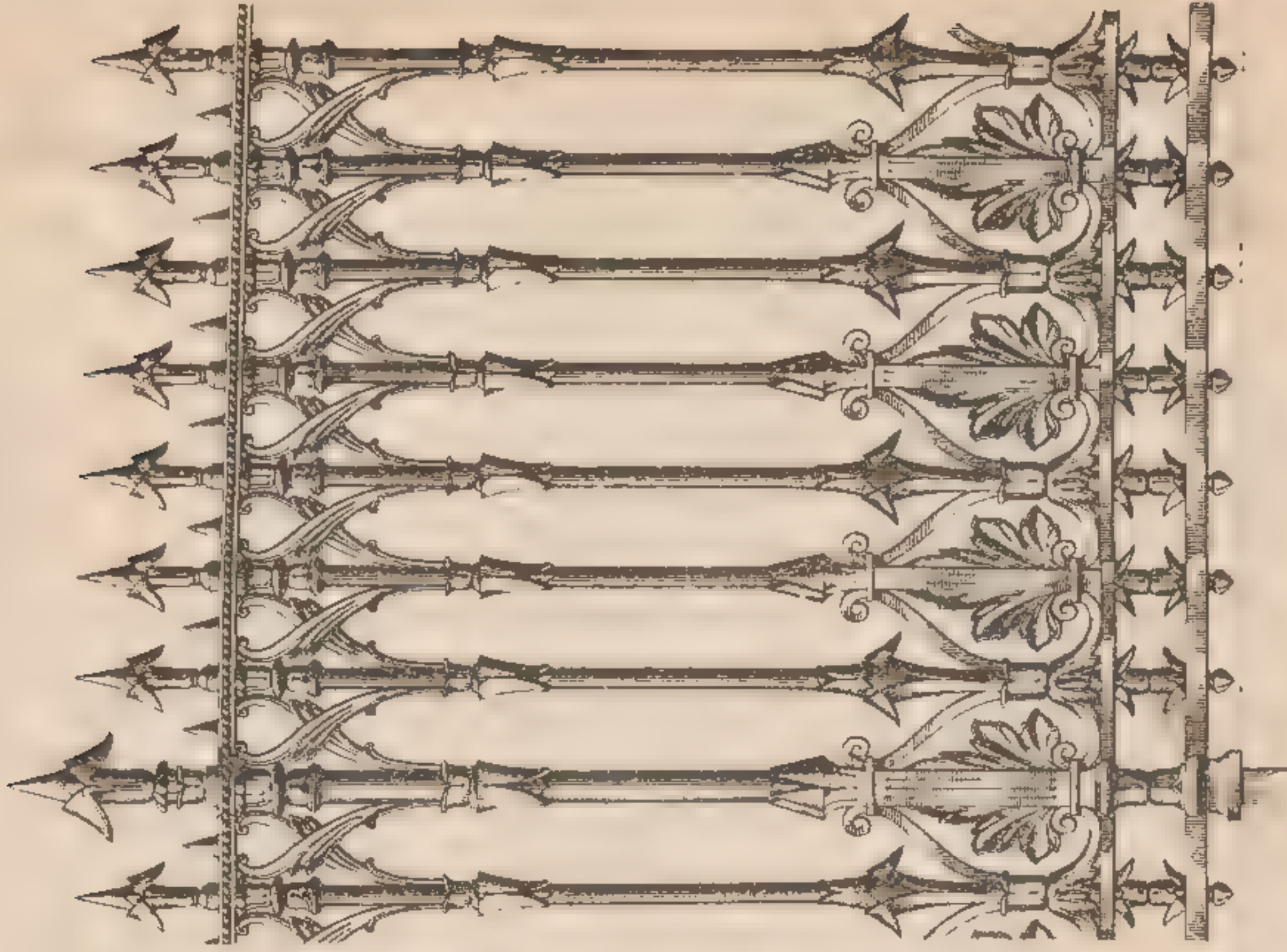
N^o 63



The rails marked A are wrought iron.

SCALE
2
4 FEET

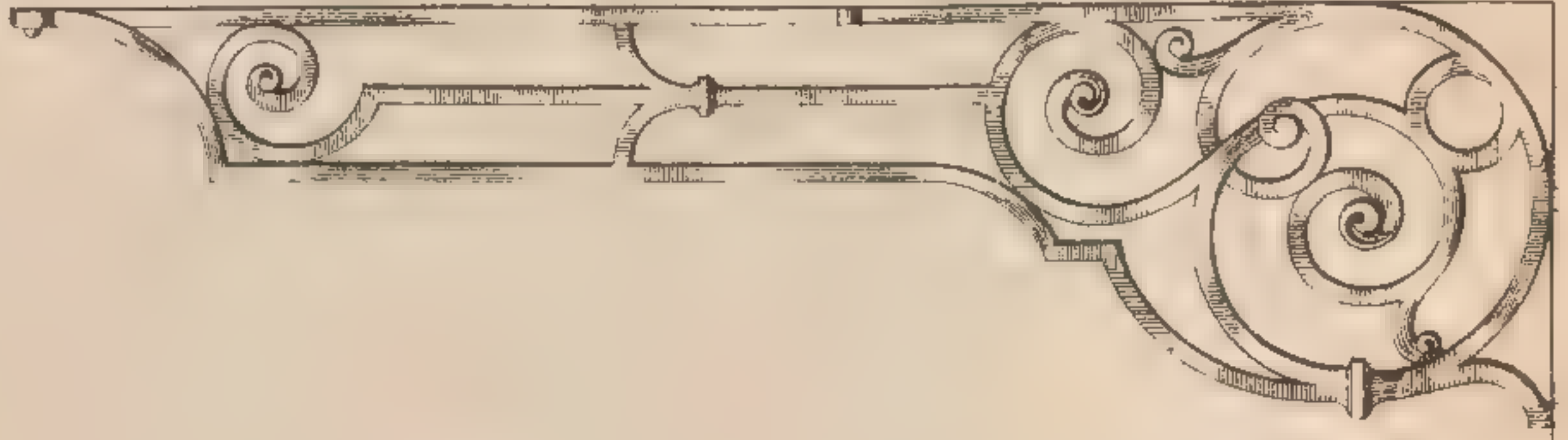
N^o 774



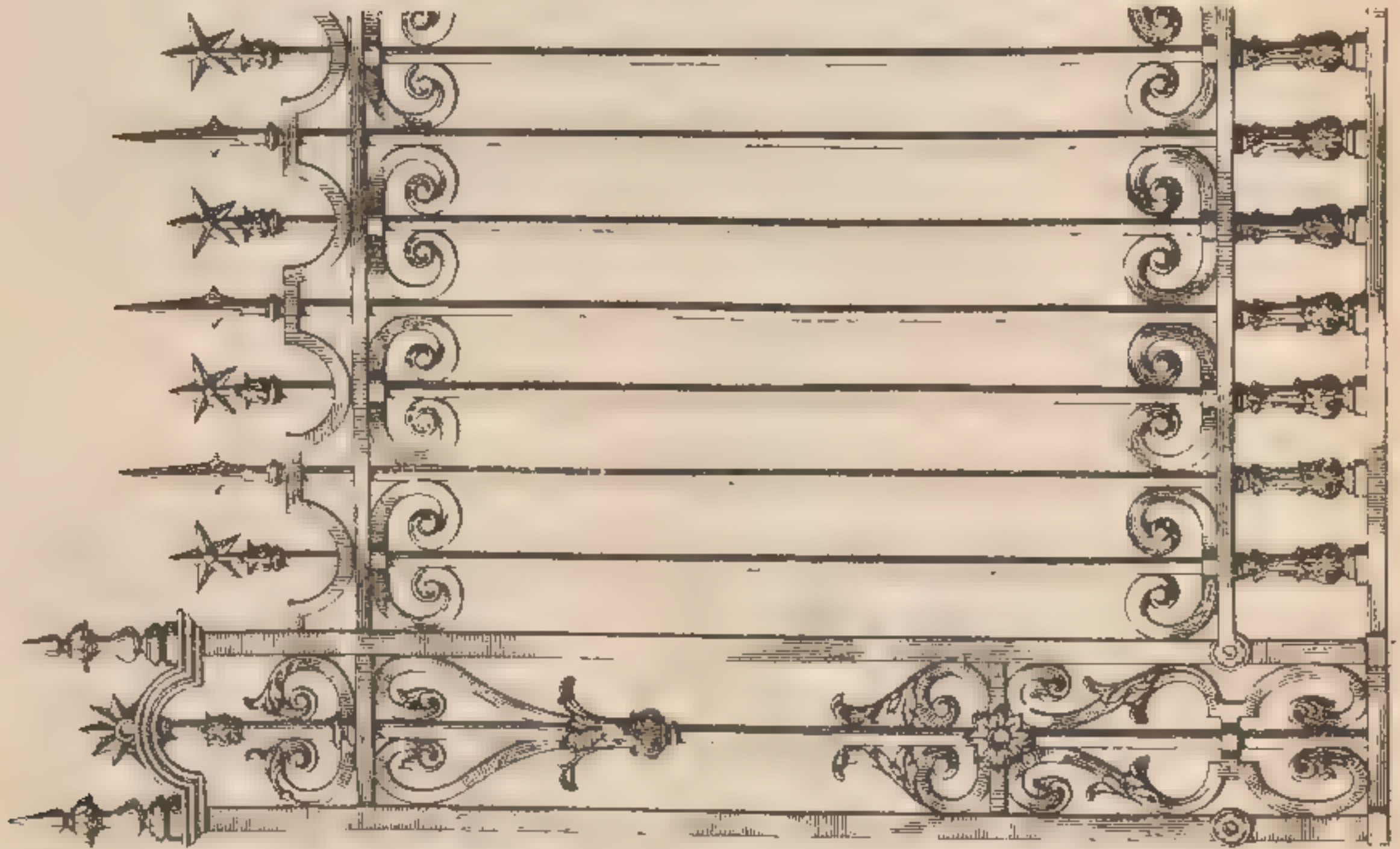
MACFARLANE'S CASTINGS — RAILING



No 900



No 900

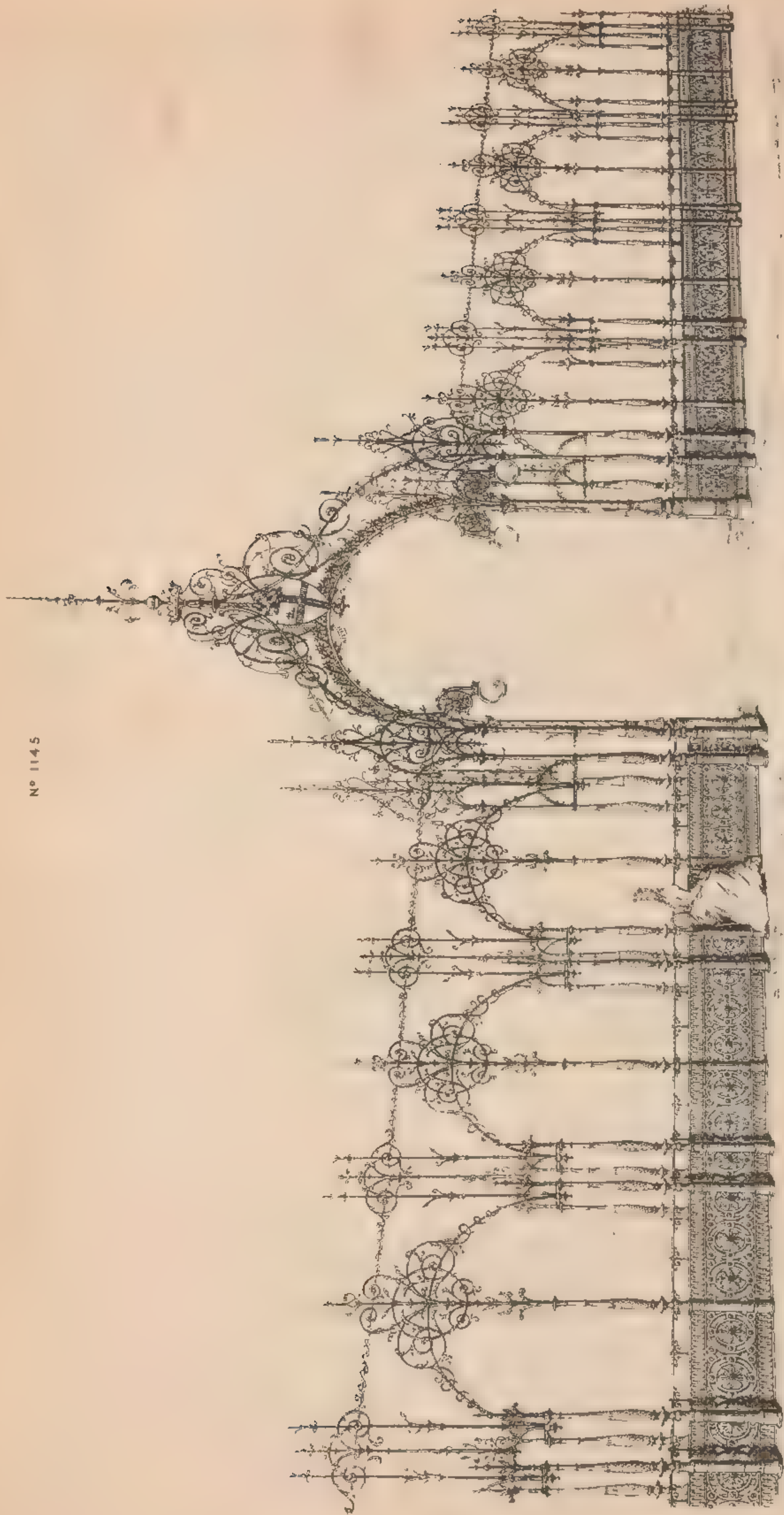


Main Standard with Backstay repeats every 16' 9"

SCALE

Main Standard with Backstay repeats every 16' 9"

Nº 1145



Any size to order

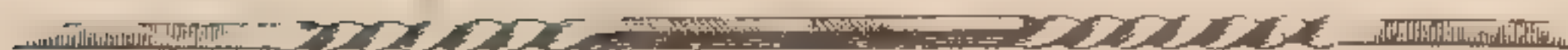
MACFARLANE'S CASTINGS — BAR RAILS

N° 805



1", 1 1/4", and 1 1/2" square x 3' 0" to 5' 0" long

N° 805



1", 1 1/4", and 1 1/2" square x 6' 0" to 9' 0" long.

N° 788



1" and 1 1/4" diameter x 3' 0" to 5' 0" long.

N° 797



1 1/4" diameter x 4' 6" to 7' 0" long.

For Rail Sockets, see page 288

MACFARLANE'S ALTAR RAIL STANDARDS

N° 50



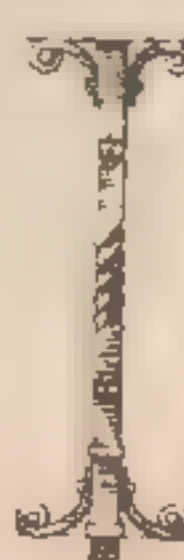
N° 104



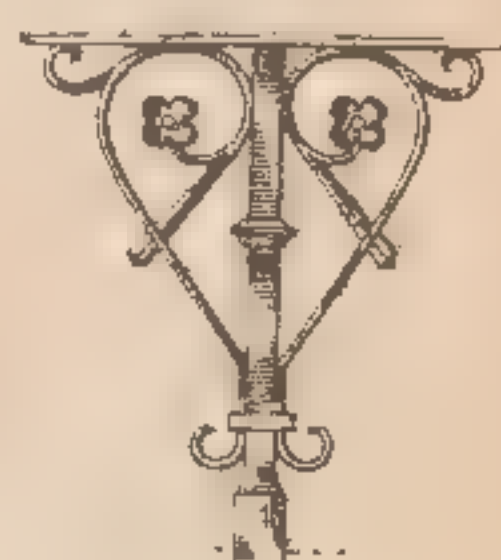
N° 50



N° 360



N° 338



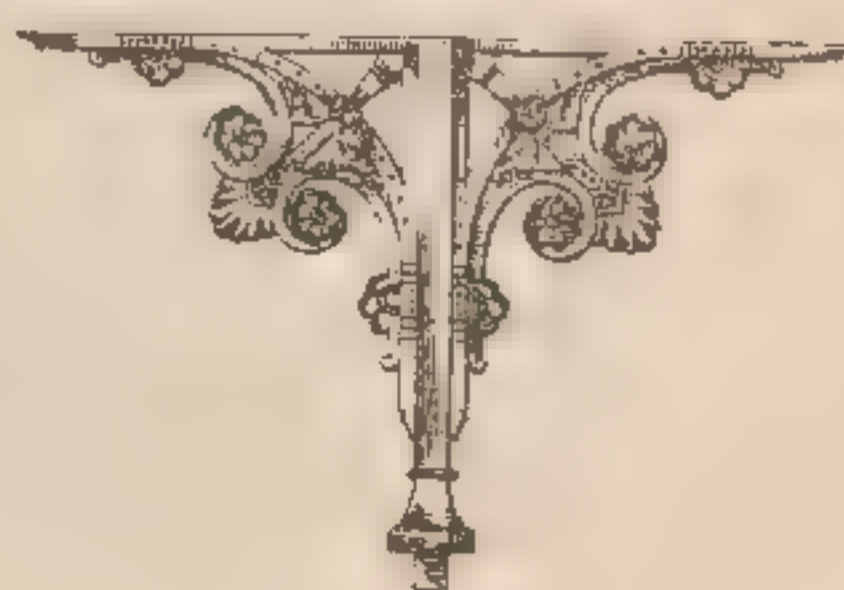
N° 1068



N° 202



N° 162



N° 212



N° 251



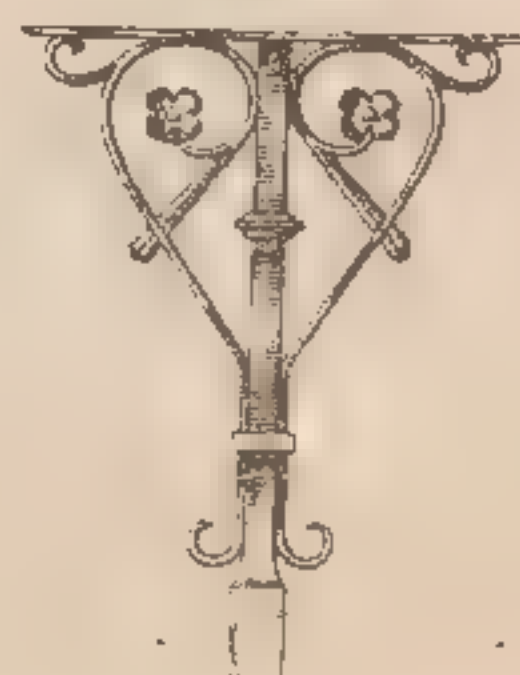
N° 411



N° 907



N° 338

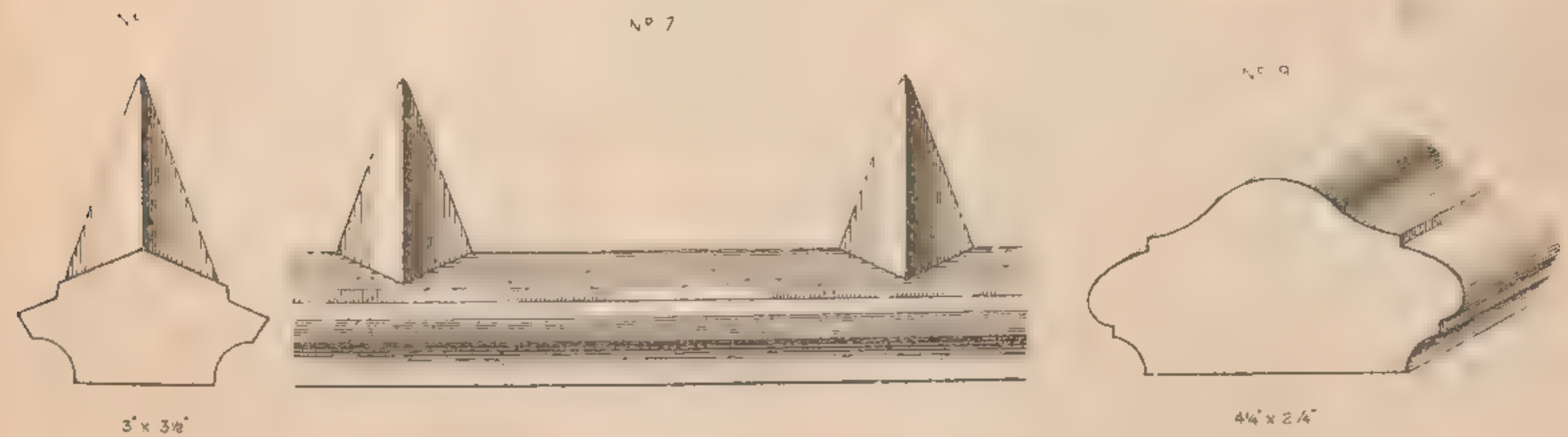
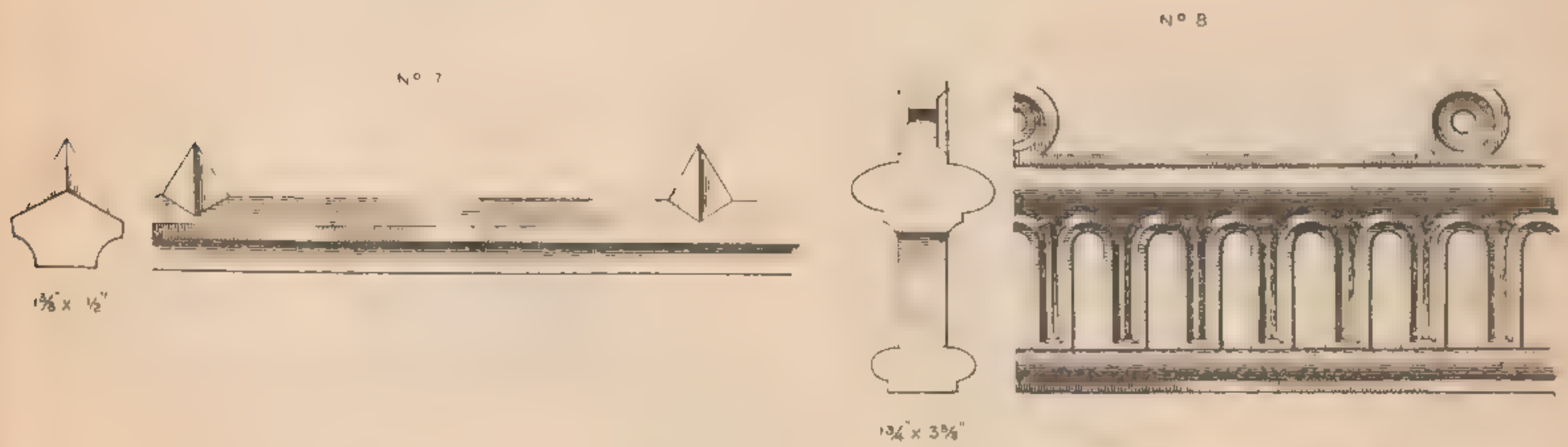
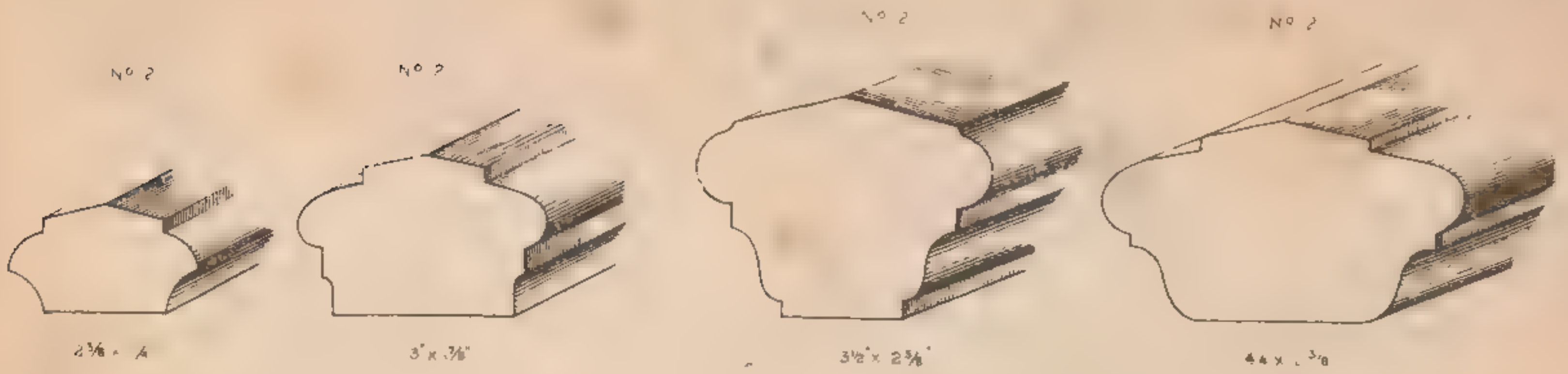


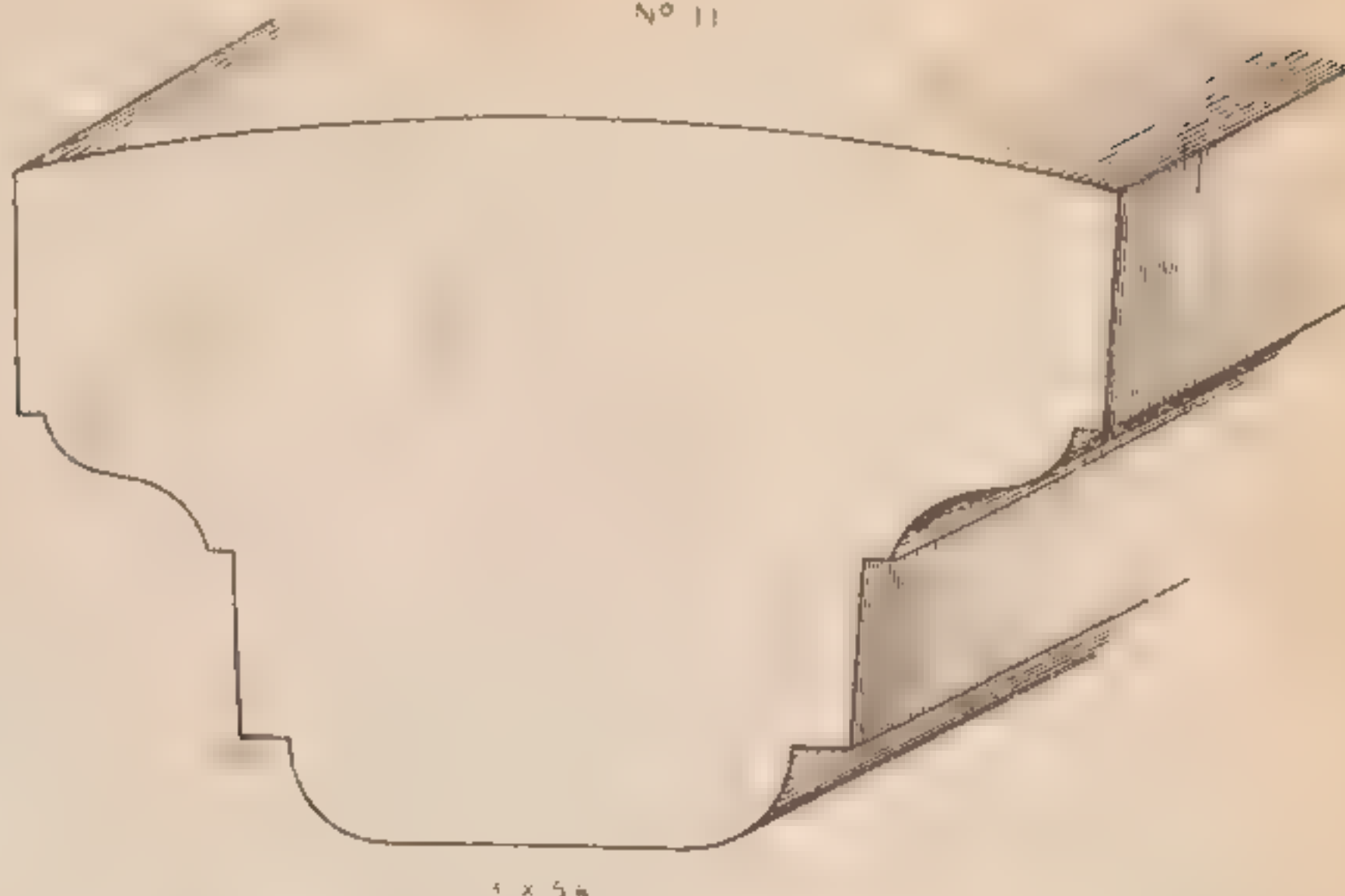
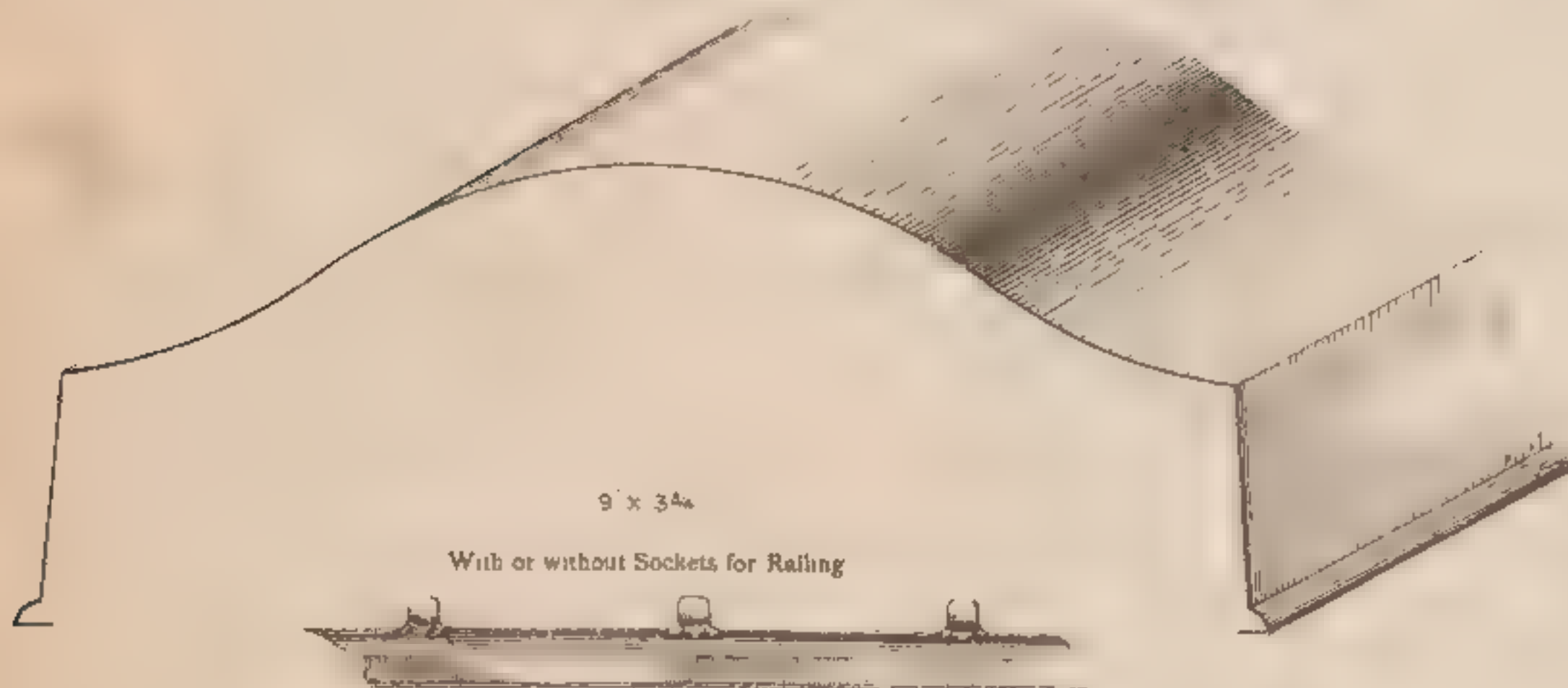
N° 777



SCALE





N^o 0N^o 11N^o 12 WALL COPEN^o 13 BASE RAIL

SECTIONS QUARTER FULL SIZE

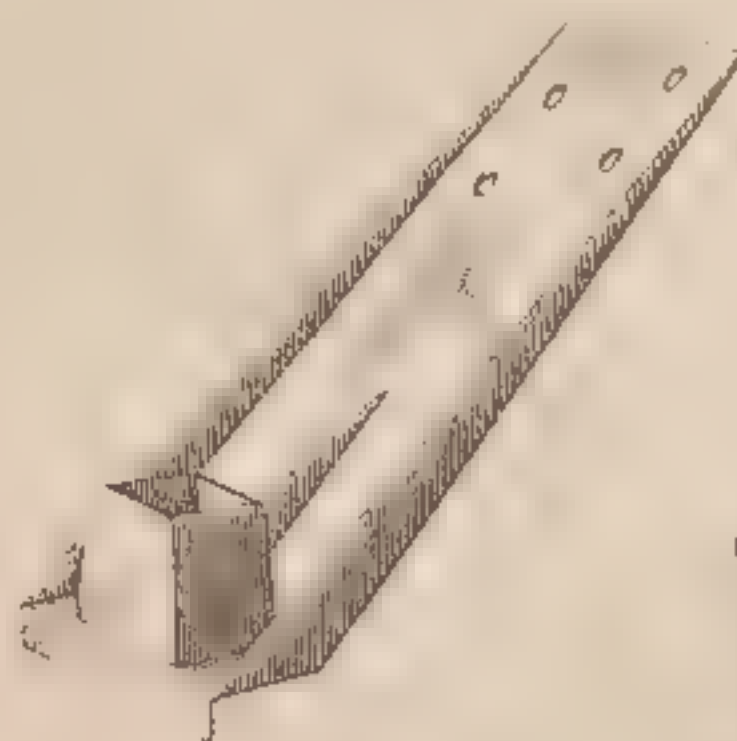
MACFARLANE'S RAILING SOCKETS.

FLAT SOCKET



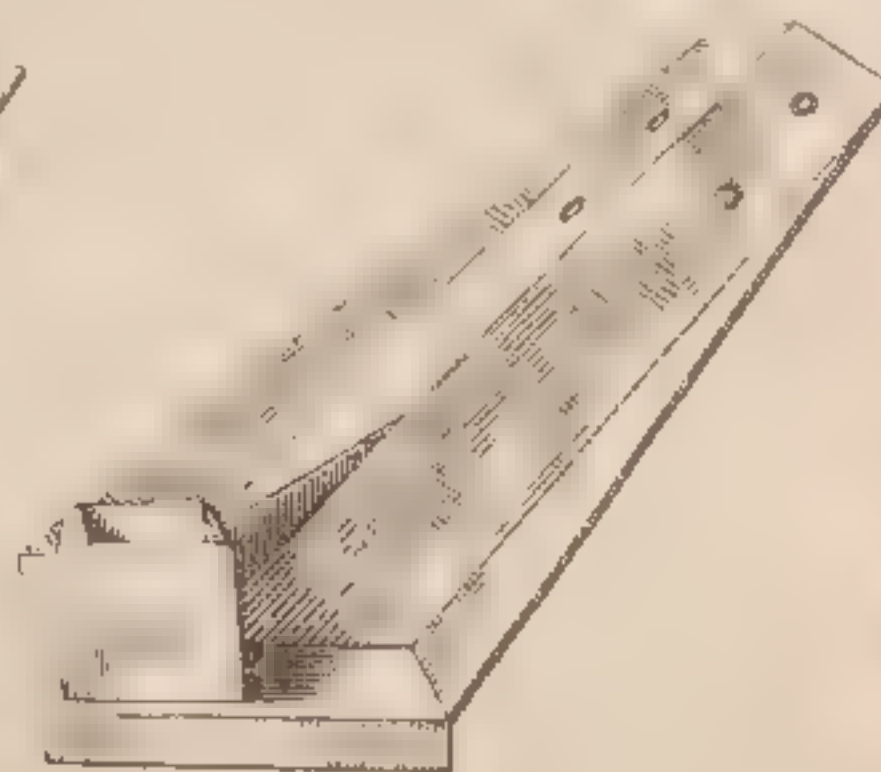
3/4", 1", 1 1/4", 1 1/2", and 2"

EAVE SOCKET

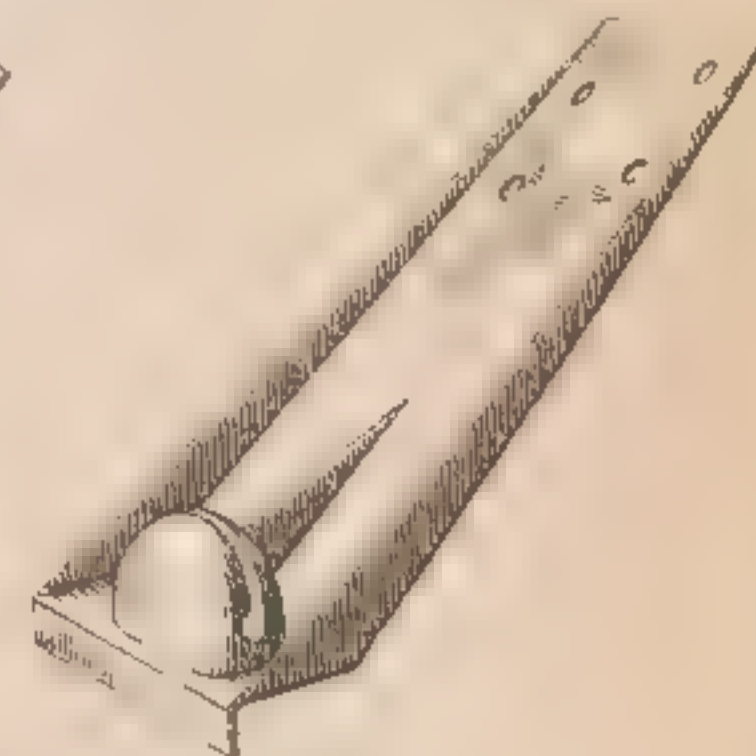


1 1/4", 1 1/2", and 2" to the pitches of roof shown on page 78. Other pitches to order. See examples of application to buildings, page 77.

EAVE CORNER SOCKET



EAVE DOVETAIL



FLAT DOVETAIL



RIDGE ROLL DOVETAIL



DOVETAIL BATT



RAIL SOCKET



1" 1/4" and 1 1/2"

SOCKET BATT



3/4", 1", 1 1/4", and 1 1/2"

SUNK SOCKET



3/4", 1", 1 1/4", and 1 1/2"

The Rail Socket, Socket Batt, and Sunk Socket, admit of Railing bars being tightly wedged into their place, and yet leave them removable when necessary, without injuring the stonework.

Application of Railing to Tombs

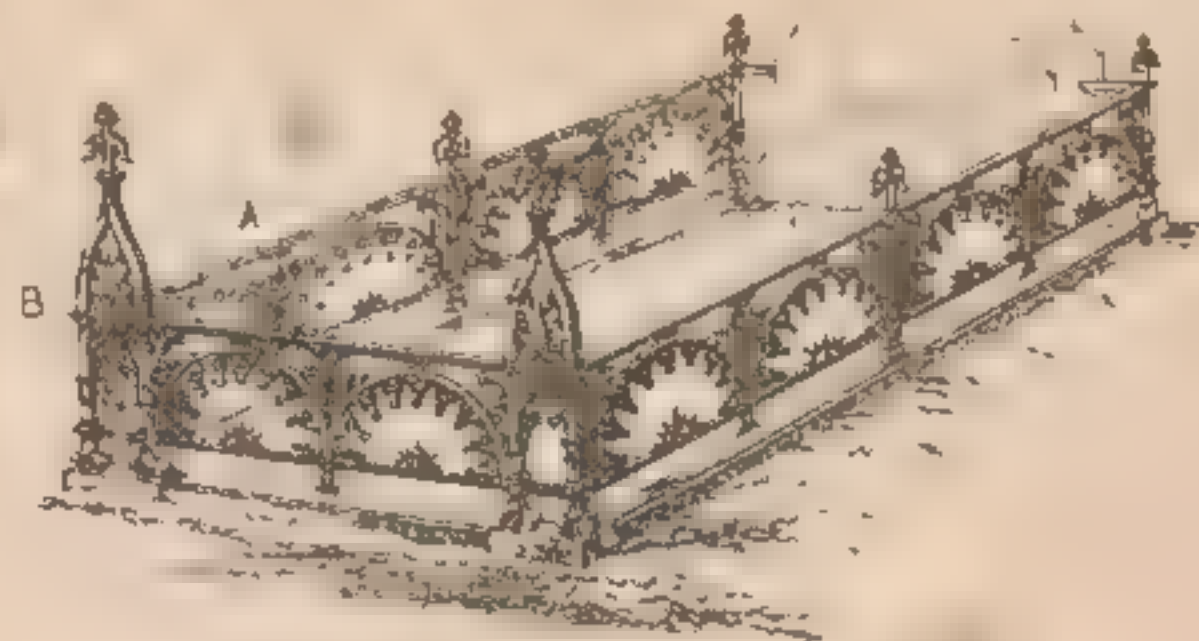
Nº XI

Nº 807 RAILING 2' 2"
With Spikes for driving into ground.

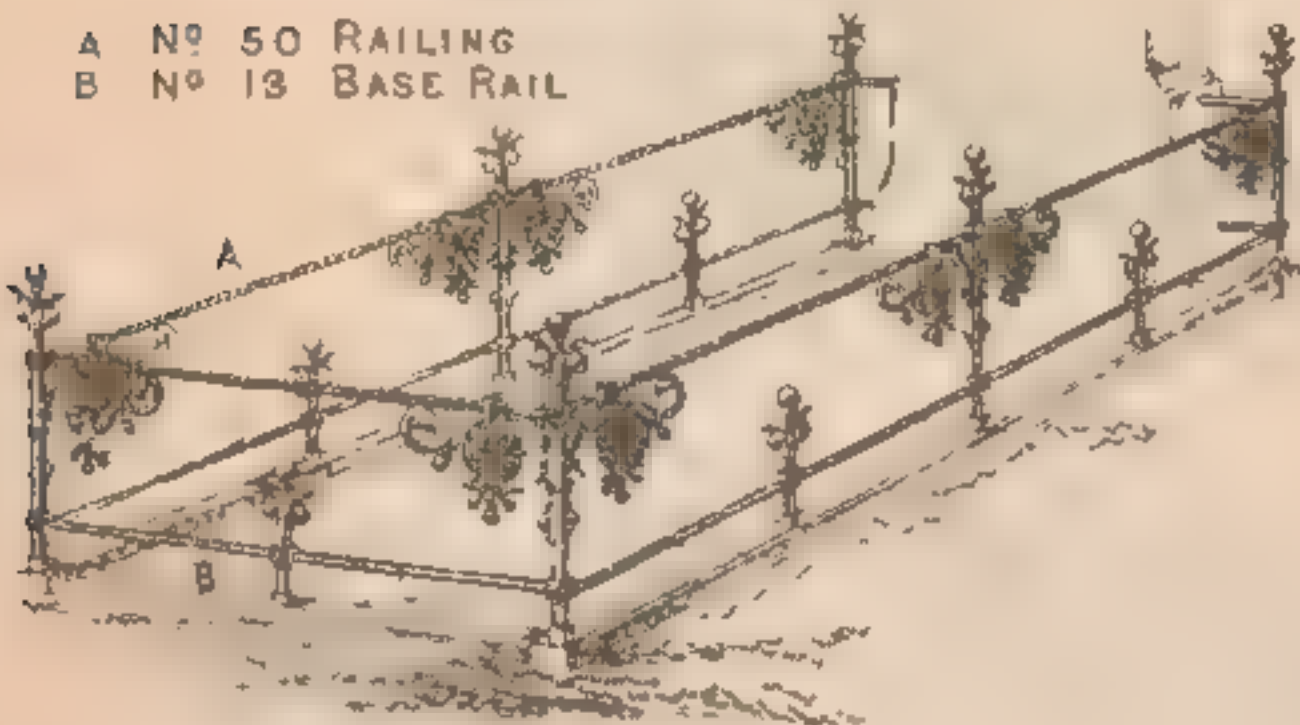


Nº XII

A Nº 104 RAILING 1' 9"
B Nº 104 RAILING STANDARD 3' 1"
C Nº 13 BASE RAIL



A Nº 50 RAILING
B Nº 13 BASE RAIL



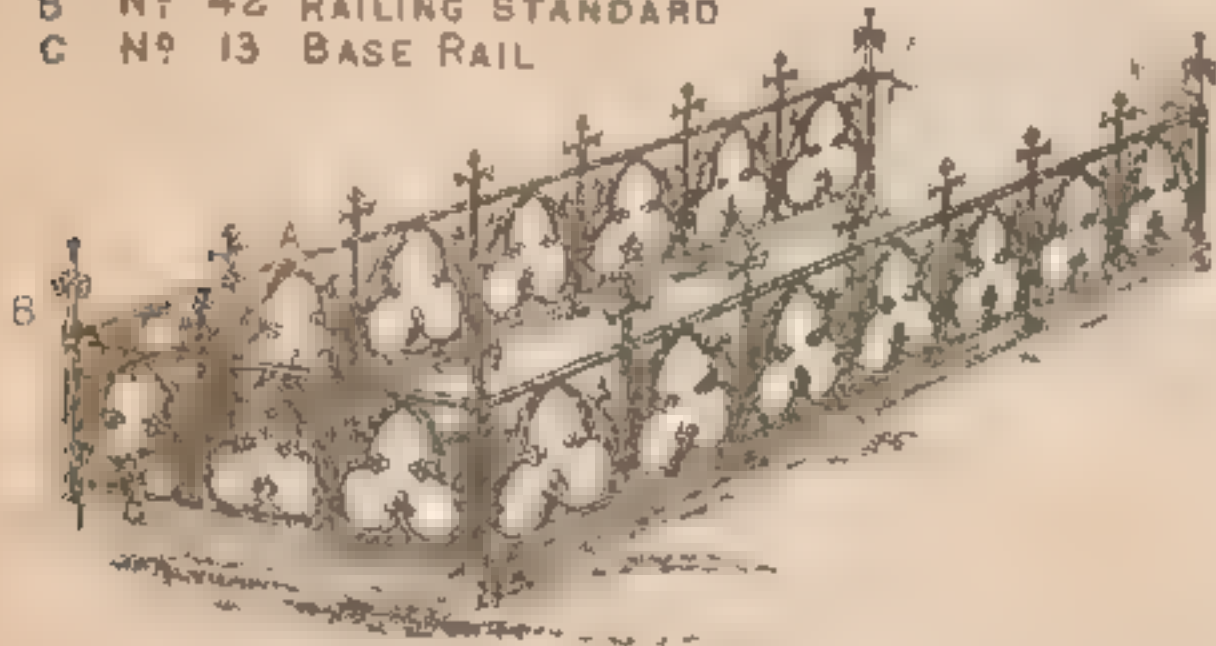
Nº XIV

Nº 457 RAILING 2' 0"



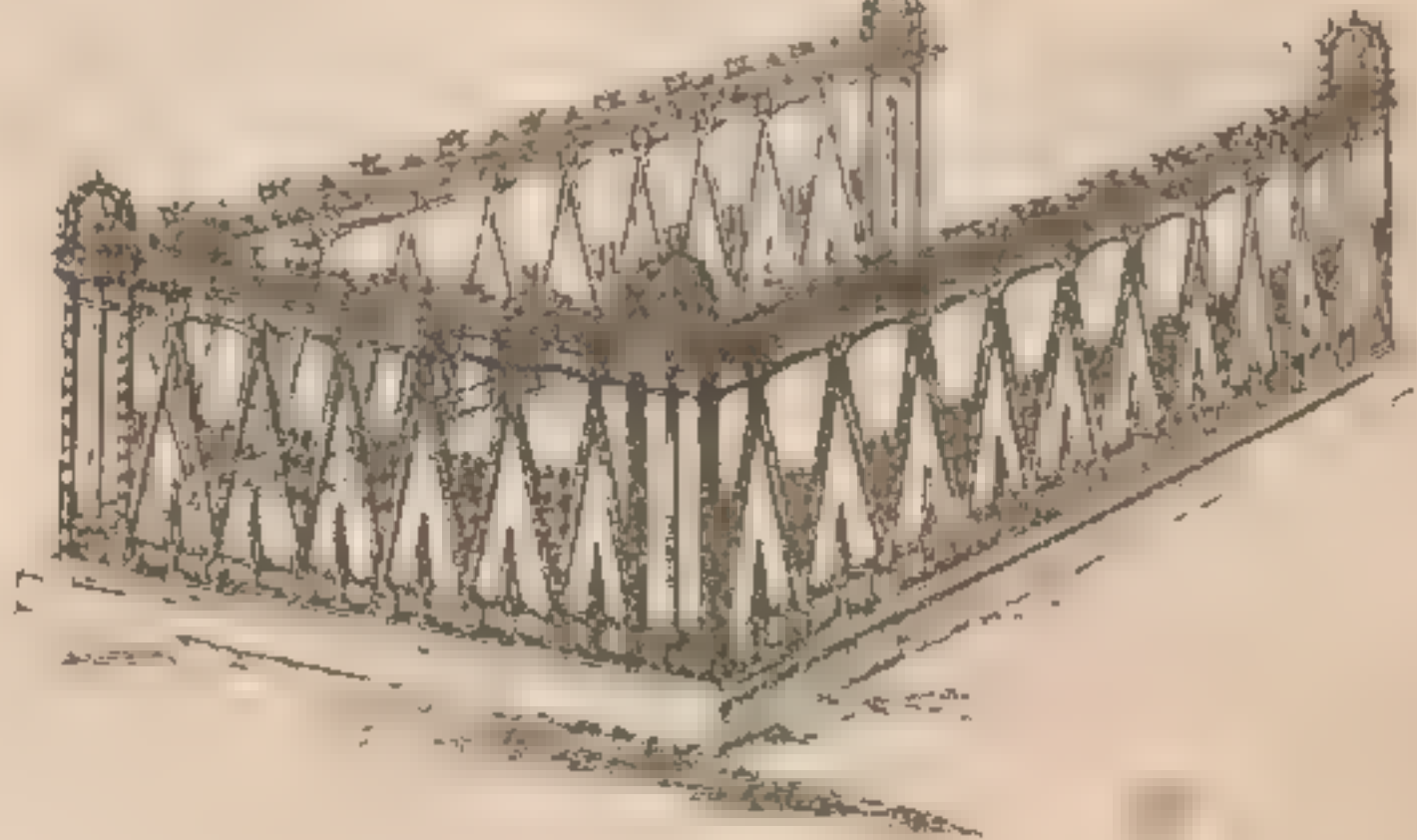
Nº XV

A Nº 40 RAILING 1' 9"
B Nº 42 RAILING STANDARD
C Nº 13 BASE RAIL



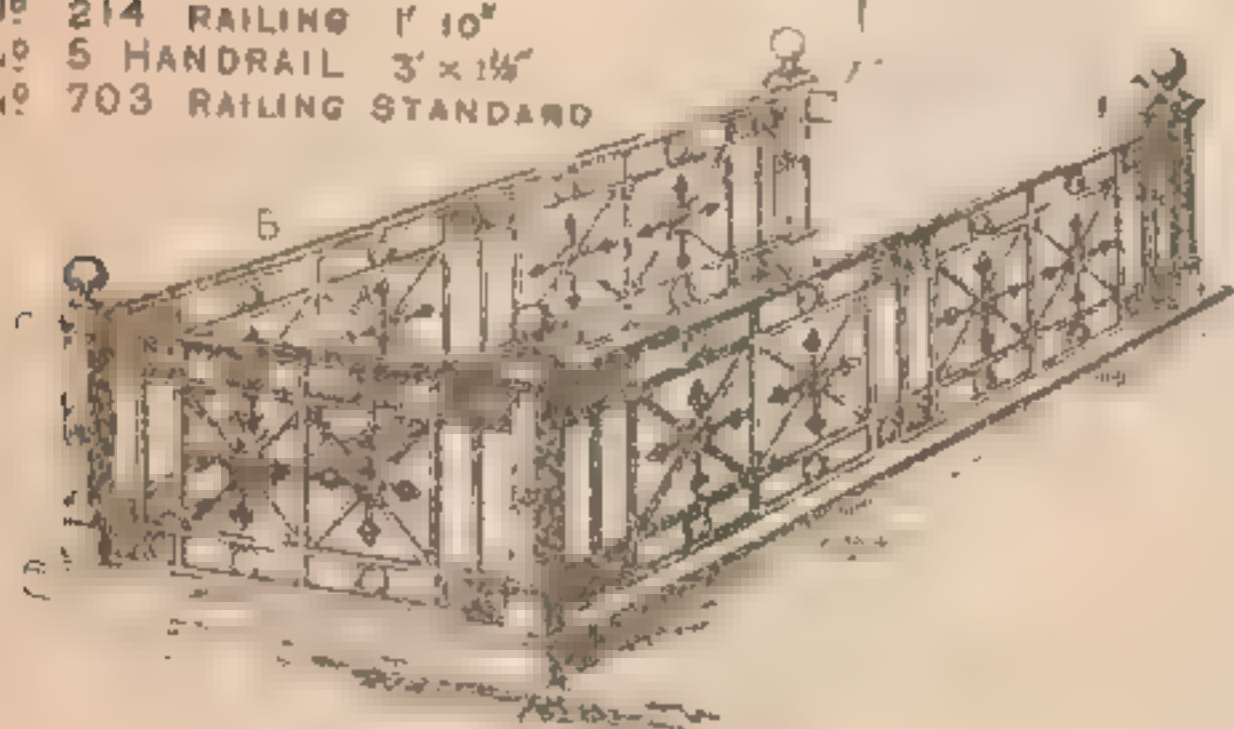
Nº XVI

Nº 126 RAILING 2' 11"



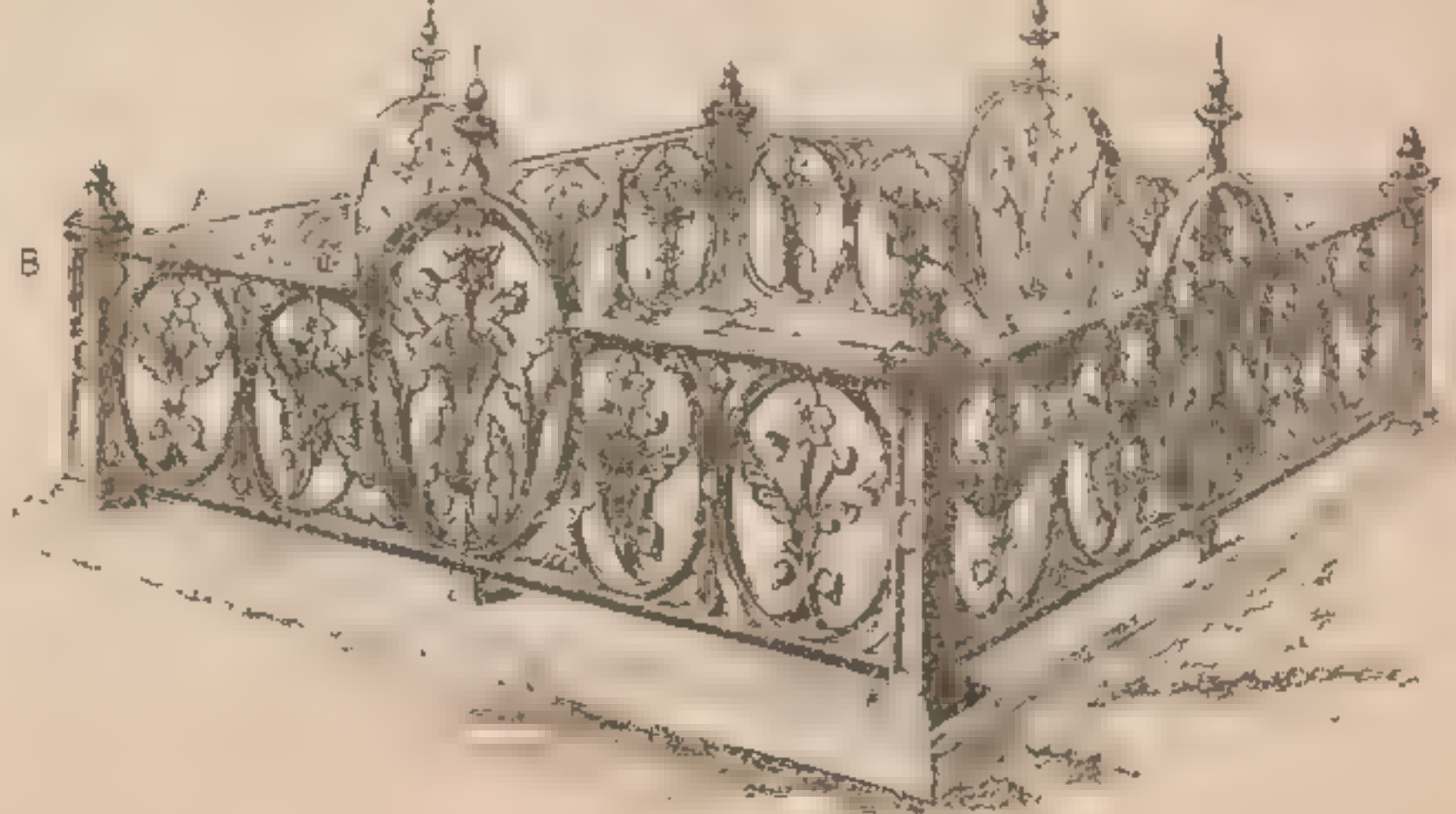
Nº XVII

A Nº 214 RAILING 1' 10"
B Nº 5 HANDRAIL 3' x 1 1/2"
C Nº 703 RAILING STANDARD



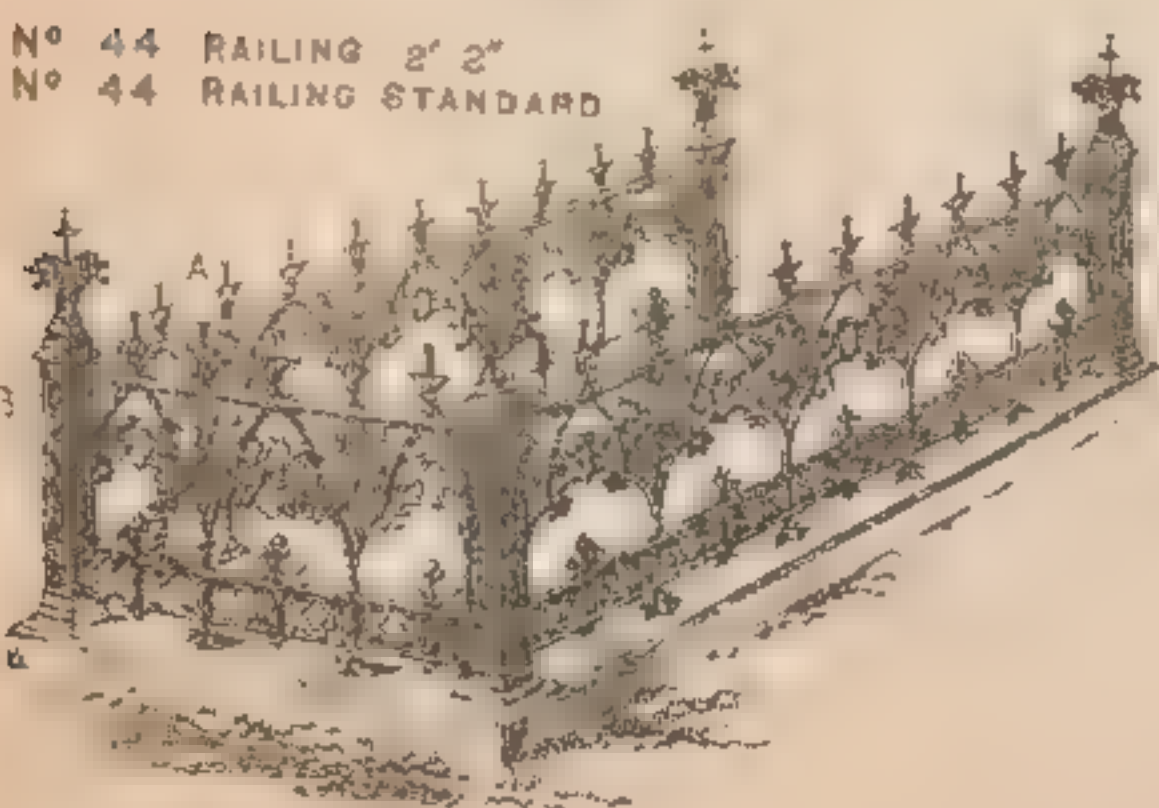
Nº XIX

A Nº 149 RAILING 4' 5"
B Nº 689 RAILING STANDARD



Nº XVIII

A Nº 44 RAILING 2' 2"
B Nº 44 RAILING STANDARD

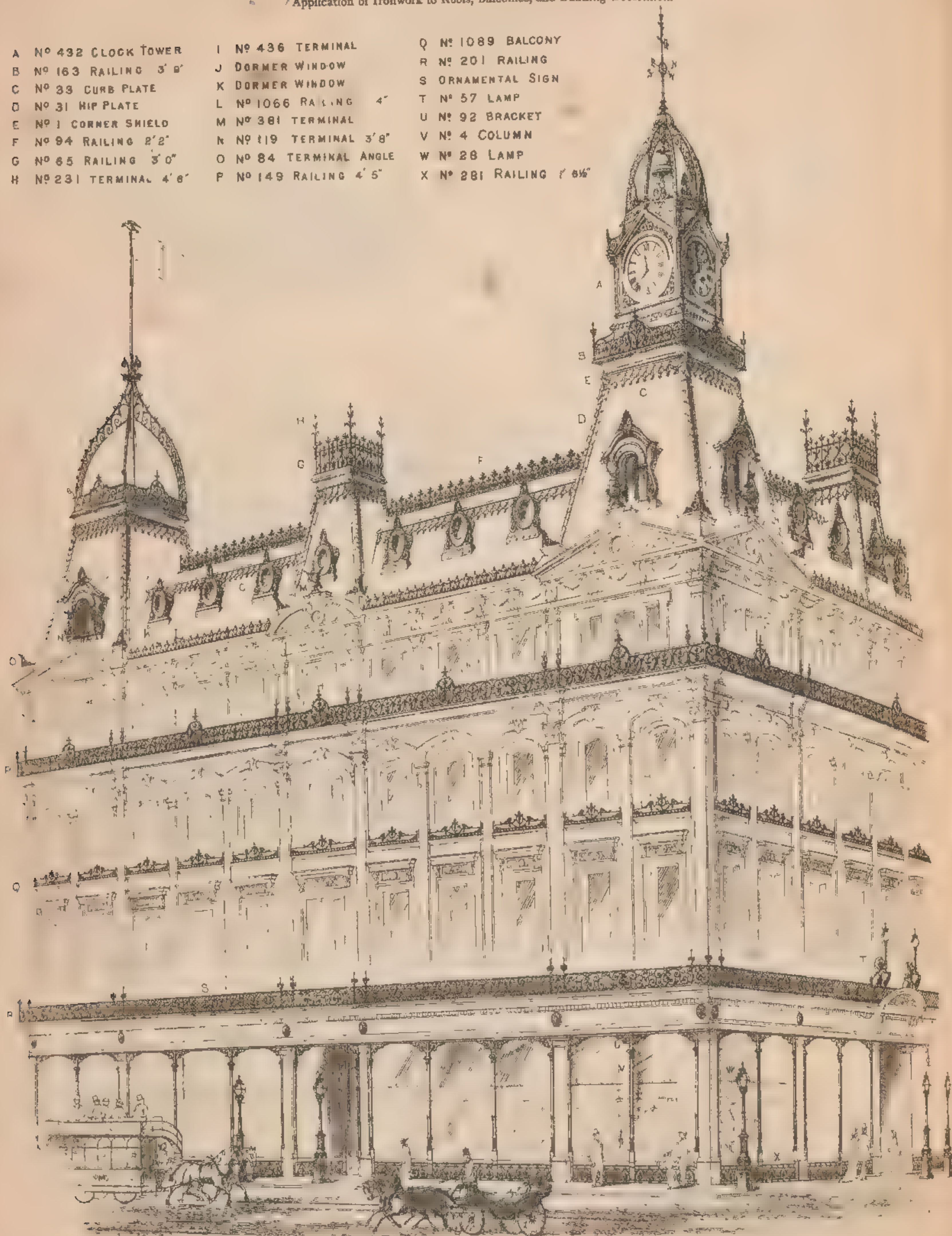


MACFARLANE'S CASTINGS — EXAMPLES

N° XX

Application of Ironwork to Roofs, Balconies, and Building Decoration.

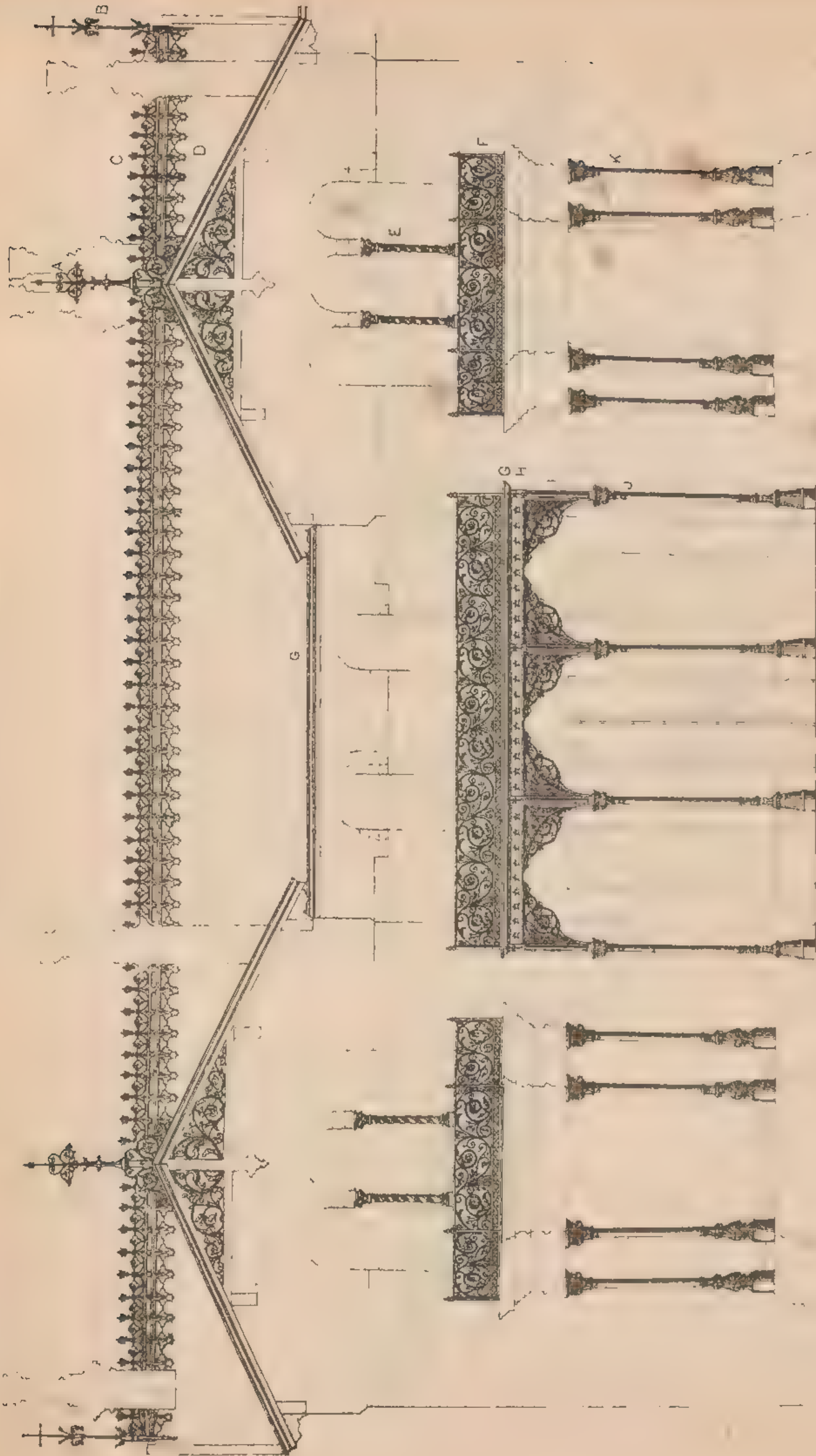
- | | | |
|-------------------------|-------------------------|----------------------------|
| A N° 432 CLOCK TOWER | I N° 436 TERMINAL | Q N° 1089 BALCONY |
| B N° 163 RAILING 3' 6" | J DORMER WINDOW | R N° 201 RAILING |
| C N° 33 CURB PLATE | K DORMER WINDOW | S ORNAMENTAL SIGN |
| D N° 31 HIP PLATE | L N° 1066 RAILING 4' | T N° 57 LAMP |
| E N° 1 CORNER SHIELD | M N° 381 TERMINAL | U N° 92 BRACKET |
| F N° 94 RAILING 2' 2" | N N° 119 TERMINAL 3' 8" | V N° 4 COLUMN |
| G N° 65 RAILING 3' 0" | O N° 84 TERMINAL ANGLE | W N° 28 LAMP |
| H N° 231 TERMINAL 4' 6" | P N° 149 RAILING 4' 5" | X N° 281 RAILING 7' 6 1/2" |



MACFARLANE'S CASTINGS — EXAMPLES

No XXI

Application of Ironwork to Roofs, Balconies, Verandahs, &c.



A No 23 FINIAL 5' 0" WITH SCROLLS AT BASE
 B No 219 FINIAL 7' 6"
 C No 460 CRESTING 1' 10"
 D No 26 RIDGE PLATE 16" x 18"

E No 3 COLUMN 5' x 5' 0"
 F No 155 BALCONY RAILING 2' 5" WITH HANDRAIL
 G No 48 ORNAMENTAL GUTTER
 H ORNAMENTAL GIRDER

I No 53 BRACKET 4' 0" x 3' 5"
 J No 13 COLUMN 4' x 11' 0"
 K No 21 COLUMN 6' x 10' 0"

SCALE
 1 2 3 4 5 6 7 8 9 10 11 12 FEET

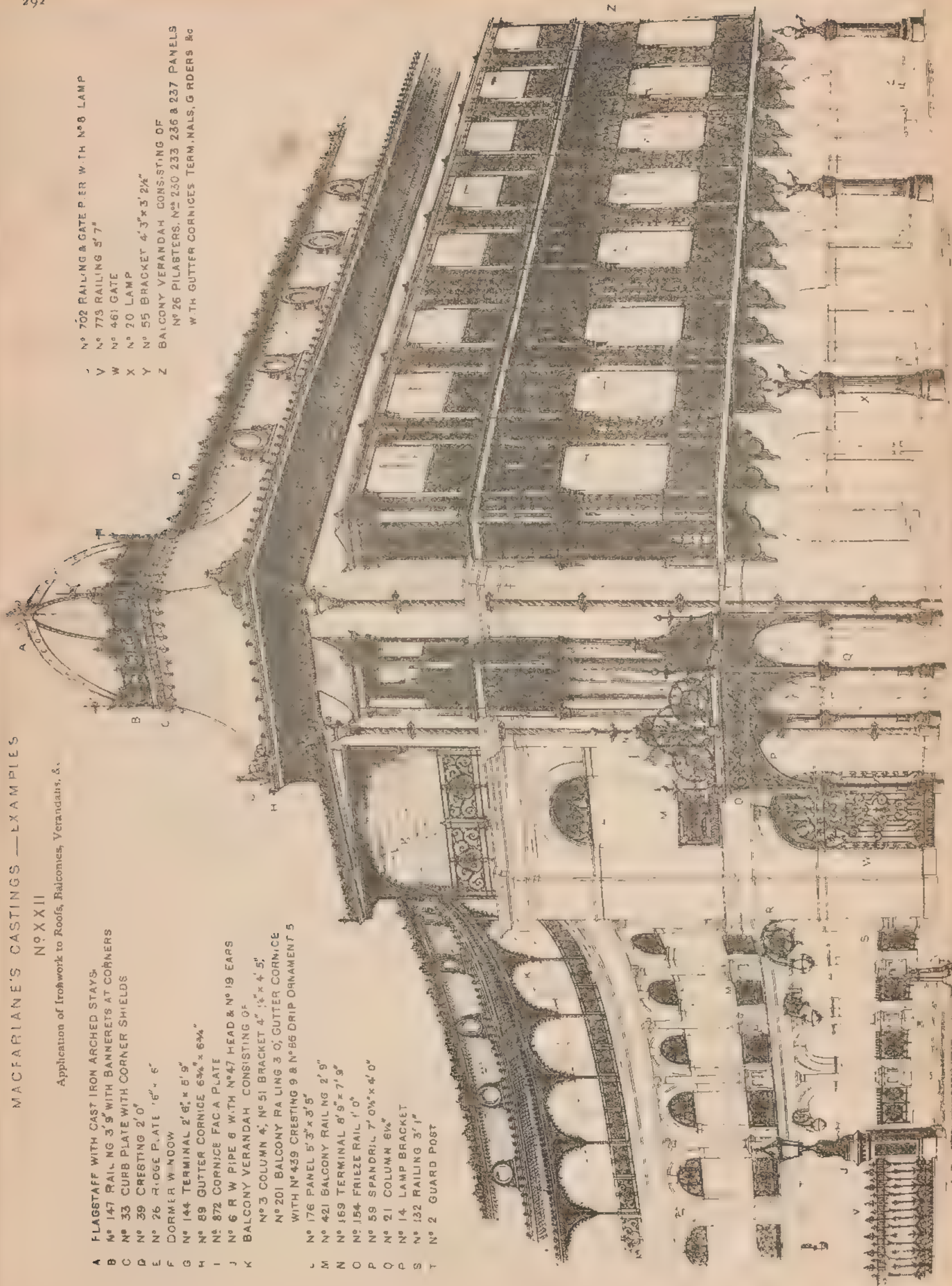
MACFARLANE'S CASTINGS — EXAMPLES

N° XXII

Application of Ironwork to Roofs, Balconies, Verandahs, &c.

- A FLAGSTAFF WITH CAST IRON ARCHED STAYS.
 B N° 147 RAILING 3' 3" WITH BANNERETS AT CORNERS
 C N° 33 CURB PLATE WITH CORNER SHIELDS
 D N° 39 CRESTING 2' 0"
 E N° 26 RIDGE PLATE 16" x 6"
 F DORMER WINDOW
 G N° 144 TERMINAL 2' 6" x 5' 9"
 H N° 89 GUTTER CORNICE 6 3/4" x 6 3/4"
 I N° 872 CORNICE FACIA PLATE
 J N° 6 R W PIPE 8 WITH N° 47 HEAD & N° 19 EARS
 K BALCONY VERANDAH CONSISTING OF
 N° 3 COLUMN 4, N° 51 BRACKET 4" 1/2 x 4" 5"
 N° 201 BALCONY RAILING 3' 0", GUTTER CORNICE
 WITH N° 439 CRESTING 9 & N° 86 DRIP ORNAMENT 5
 L N° 176 PANEL 5' 3" x 3' 5"
 M N° 421 BALCONY RAILING 2' 9"
 N N° 169 TERMINAL 8' 9" x 7' 9"
 O N° 154 FRIEZE RAIL 1' 0"
 P N° 59 SPANDREL 7' 0" x 4' 0"
 Q N° 21 COLUMN 6 1/2"
 R N° 14 LAMP BRACKET
 S N° 132 RAILING 3' 1"
 T N° 2 GUARD POST

- N° 702 RAILING & GATE PIER WITH N° 8 LAMP
 V N° 773 RAILING 5' 7"
 W N° 461 GATE
 X N° 20 LAMP
 Y N° 55 BRACKET 4' 3" x 3' 2 1/2"
 Z BALCONY VERANDAH CONSISTING OF
 N° 26 PILASTERS, N° 230 233 236 & 237 PANELS
 WITH GUTTER CORNICES TERMINALS, GIRDERS &c



SECTION VI.—GATES.

FOR VILLAS, MANSIONS, COURTS, MARKETS, GARDENS, PARKS, CEMETERIES, &c

Owing to the important positions occupied by Entrance Gates, and their nearness to the eye, the excellence both of the Design and of the Casting is a matter of special importance. The great variety of our Designs and sizes will enable our customers easily to select patterns to meet their requirements. Refer to Section V. for suitable Railings. We will be glad to furnish sketches combining the Gates and Railing on receiving the necessary particulars and an indication of the taste of the customer.

Please insert in Specification "To be Macfarlane's Castings, from Saracen Foundry, Glasgow," to prevent an inferior article being supplied.

Single Leaved Gates,	pages 293—300	Railing and Gate Standards,	pages 334—339
Double Leaved Gates,	" 301—331	Road and Guard Posts,	" 340
Arched Gateways,	" 329—332	Railing, see Section V.,	" 172 292
Example No. XXIII.—Gate Opening Apparatus,	" 333	Wall Coping, see Section V.,	" 288

The Illustrations are arranged in the order of their heights, and to further facilitate selection we give the following

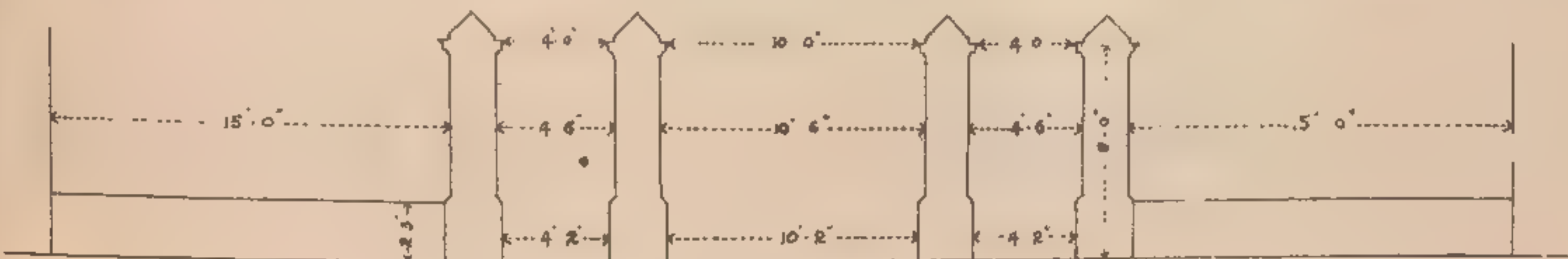
LIST OF GATES, ARRANGED IN THE ORDER OF THEIR WIDTHS.

Width x Height	No	Page	Width x Height	No	Page	Width x Height	No	Page	Width x Height	No	Page	Width x Height	No	Page
2 11" x 4 0"	145	294	3 6 1/2" x 5 0"	743	296	5 1" x 8 0"	836	314	7 0" x 5 6"	920	297	10 2" x 10 1"	809	323
2 11" x 4 6"	145	295	3 7" x 5 0"	973	296	5 2" x 7 9"	874	311	7 0" x 5 9"	946	297	10 4" x 6 0"	211	303
2 11" x 4 7 1/2"	957	295	3 7" x 5 6"	1097	302	5 2" x 8 2"	63	311	7 0" x 6 6"	1023	308	10 4" x 6 3"	1013	307
2 11" x 5 0"	145	297	3 7" x 6 6"	1023	308	5 2" x 4 7 1/2"	957	295	7 0" x 8 2"	63	311	10 6" x 6 0"	809	304
2 11" x 5 6"	957	301	3 7" x 8 2"	63	311	5 8" x 5 6"	957	301	7 0" x 11 10"	845	332	10 6" x 7 1"	973	309
3 0" x 4 2"	75	294	3 7 1/2" x 7 3"	1151	300	5 9" x 4 0"	145	294	7 1" x 5 0"	973	296	10 7" x 5 0"	208	301
3 0" x 4 3"	1026	294	3 7 1/2" x 6 5"	973	298	5 9" x 4 6"	145	295	7 1" x 5 0"	208	301	10 7" x 6 0"	208	304
3 1" x 4 6"	740	294	3 8" x 4 3"	1015	294	5 9" x 5 0"	145	297	7 2" x 6 0"	208	301	10 7" x 10 0"	1151	322
3 1" x 4 6"	741	295	3 8" x 5 0"	1095	295	5 11" x 4 3"	1026	294	7 2" x 6 5"	973	298	10 8" x 6 0"	126	303
3 1" x 4 10"	743	295	3 9" x 5 0"	208	301	6 0" x 4 2"	75	294	7 4" x 4 3"	1095	294	10 8" x 6 0"	1148	280
3 1" x 4 6"	920	294	3 9" x 5 2"	1103	297	6 0" x 4 6"	740	294	7 4" x 5 0"	1095	295	10 9" x 6 2"	1135	306
3 1" x 5 0"	920	296	3 9" x 6 0"	208	304	6 0" x 4 6"	741	295	7 4" x 5 2"	1101	297	10 10" x 15 9"	900	329
3 1" x 5 2"	946	296	3 10" x 7 11"	1127	290	6 0" x 4 6"	743	295	7 10 1/2" x 5 4"	1092	301	11 0" x 7 10"	784	312
3 1" x 6 0"	809	304	4 0" x 5 4"	1092	301	6 0" x 4 6"	920	294	8 0" x 5 9"	946	298	11 0" x 7 11"	739	313
3 3" x 4 3"	1095	294	4 0" x 5 9"	946	298	6 0" x 5 0"	920	296	8 1" x 5 0"	1095	295	11 1" x 4 6"	1007	302
3 3" x 4 6"	914	294	4 0" x 6 8"	461	298	6 0" x 5 2"	946	296	8 2" x 5 3"	23	297	11 1" x 11 9"	401	324
3 3" x 4 8"	957	295	4 0" x 7 9"	461	299	6 5" x 4 3"	1095	294	8 3" x 4 5"	80	301	11 1" x 10 0"	1127	321
3 3" x 5 4"	461	297	4 0" x 7 10"	784	312	6 5" x 4 8"	957	295	8 5" x 5 6"	1097	302	11 5" x 6 3"	1013	307
3 4" x 5 0"	1135	296	4 1" x 5 0"	1095	295	6 5" x 9 5"	189	319	8 10" x 7 1"	973	300	11 6" x 6 5"	464	307
3 4" x 6 0"	211	302	4 1" x 7 7 1/2"	739	299	6 6" x 4 6"	214	294	9 0" x 6 1"	741	305	11 6" x 8 0"	207	315
3 5" x 5 5 1/2"	457	302	4 1" x 7 11"	739	299	6 6" x 5 4"	461	297	9 0" x 6 2"	743	305	11 7" x 6 3"	457	306
3 5" x 5 10"	457	306	4 2" x 4 5"	80	301	6 7" x 5 4"	1135	296	9 0" x 7 7 1/2"	749	310	11 7" x 7 2"	457	310
3 5" x 8 10 1/2"	457	302	4 2" x 5 3"	23	297	6 10" x 4 5"	80	301	9 0" x 7 11"	749	311	11 7" x 8 8"	464	316
3 6" x 3 8"	969	294	4 2" x 7 6"	809	312	7 1" x 5 6"	1097	302	9 1" x 8 0"	809	304	11 7" x 8 8"	1013	317
3 6" x 4 3"	1026	294	4 2" x 7 9"	874	311	6 10" x 5 6"	189	297	9 2" x 6 0"	126	303	11 7" x 9 9"	1013	320
3 6" x 4 4"	145	294	4 4" x 6 0"	211	303	6 10" x 6 2"	189	298	9 3" x 6 3"	1013	307	11 9" x 9 0"	85	318
3 6" x 4 9"	1026	295	4 4 1/2" x 6 5"	973	298	6 10 1/2" x 3 8"	969	294	9 3" x 8 8"	1013	317	12 0" x 7 11"	739	313
3 6" x 4 10"	145	295	4 5" x 6 2"	741	305	6 11" x 4 3"	1026	294	9 3" x 9 9"	1013	317	12 1" x 2 10"	809	312
3 6" x 5 0"	840	295	4 6" x 6 2"	743	305	6 11" x 4 4"	145	294	9 8" x 8 0"	189	314	12 1" x 10 1"	809	323
3 6" x 5 0"	120	296	4 6" x 10 0"	801	300	6 11" x 4 9"	1026	295	9 9" x 5 6"	1097	302	12 1" x 14 6"	801	326
3 6" x 5 1"	23	296	4 7" x 6 0"	126	303	6 11" x 5 1"	23	296	9 11" x 6 6"	1023	308	12 2" x 7 9"	874	311
3 6" x 5 2"	946	297	4 7" x 6 0"	809	304	6 11" x 5 4"	145	297	10 0" x 5 5 1/2"	457	302	12 2" x 8 0"	836	314
3 6" x 5 4"	145	297	4 7" x 8 0"	207	315	6 11" x 7 10 1/2"	83	313	10 0" x 6 6"	758	308	12 9" x 9 5"	189	319
3 6" x 5 6"	189	297	4 7" x 9 0"	85	318	6 11" x 13 0"	900	328	10 0" x 6 10 1/2"	457	309	13 1" x 8 6"	464	316
3 6" x 5 6"	920	297	4 8" x 6 3"	1013	307	7 0" x 5 0"	740	296	10 0" x 7 11"	739	311	13 3" x 15 9"	900	327
3 6" x 5 9"	946	297	4 8" x 7 8"	1013	317	7 0" x 5 0"	741	296	10 0" x 8 6"	404	316	13 5" x 8 0"	207	315
3 6" x 6 2"	189	298	4 8" x 8 9"	1013	320	7 0" x 5 0"	742	296	10 1" x 7 10 1/2"	83	313	13 8" x 8 8"	1013	317
3 6" x 6 5"	464	307	4 10" x 8 0"	189	300	7 0" x 5 0"	743	296	10 2" x 7 9"	874	311	13 10" x 7 11"	739	313
3 6" x 7 10 1/2"	83	313	5 0" x 6 5"	464	307	7 0" x 5 0"	840	295	10 2" x 7 10"	809	312	14 0" x 11 9"	461	325
3 6 1/2" x 5 0"	740	296	5 0" x 6 10 1/2"	457	309	7 0" x 5 0"	920	296	10 2" x 8 0"	836	314	15 0" x 14 6"	801	330
3 6 1/2" x 5 0"	741	296	5 1" x 7 10 1/2"	83	313	7 0" x 5 2"	946	297	10 2" x 8 2"	63	311	20 0" x 15 0"	1136	331

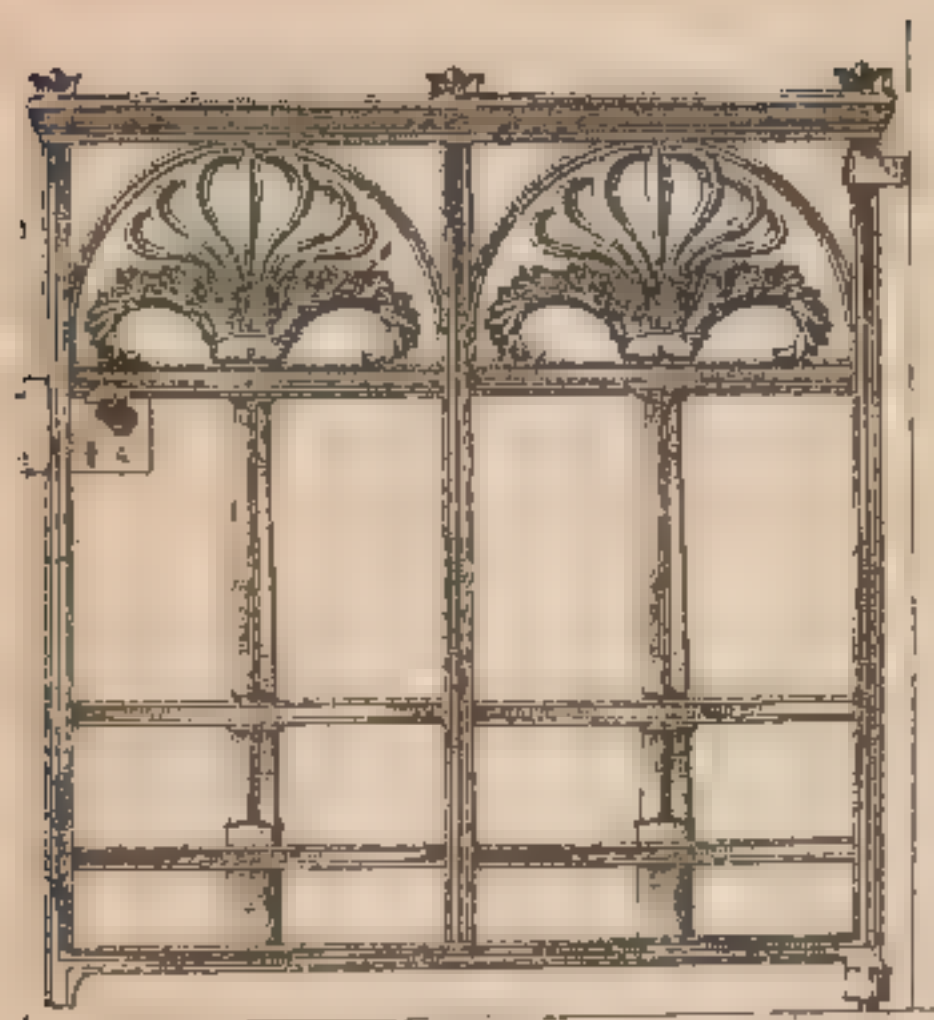
DIRECTIONS FOR ORDERING.

State the Nos. and Sizes, to be single or double leaved, to have lock or latch, and if single leaved whether to be hung to right or left hand, to stone, brick, or iron Standards. If the Standards are already erected give the exact sizes between them at the base, body and cap, together with the height to cap. It is always better, however, to select the Gate first and place the Standards to suit, thereby avoiding expense in alterations of patterns. When Gates are to be applied with Railing, give the height of parapet wall, above ground line or step on which Gates are fixed. The following example shows the simplest method of ordering.

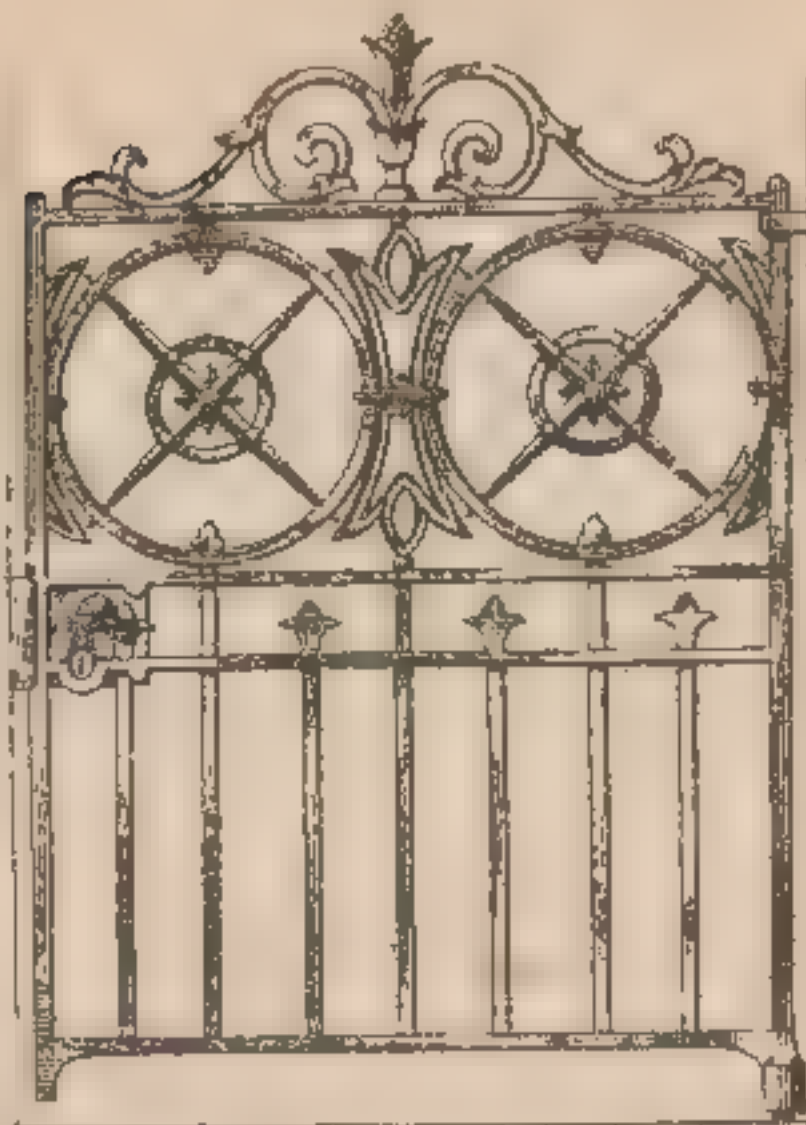
1 No. 739 Double Leaved Gate 10' 0" x 7' 11" with 2 Single Leaved Gates 4' 1" x 7' 11" Right and Left Hand, to hang to stone Standards and fitted with locks, Also 2 Stretches No. 739 Railing 4' 1", each 15' 0" long as sketch.



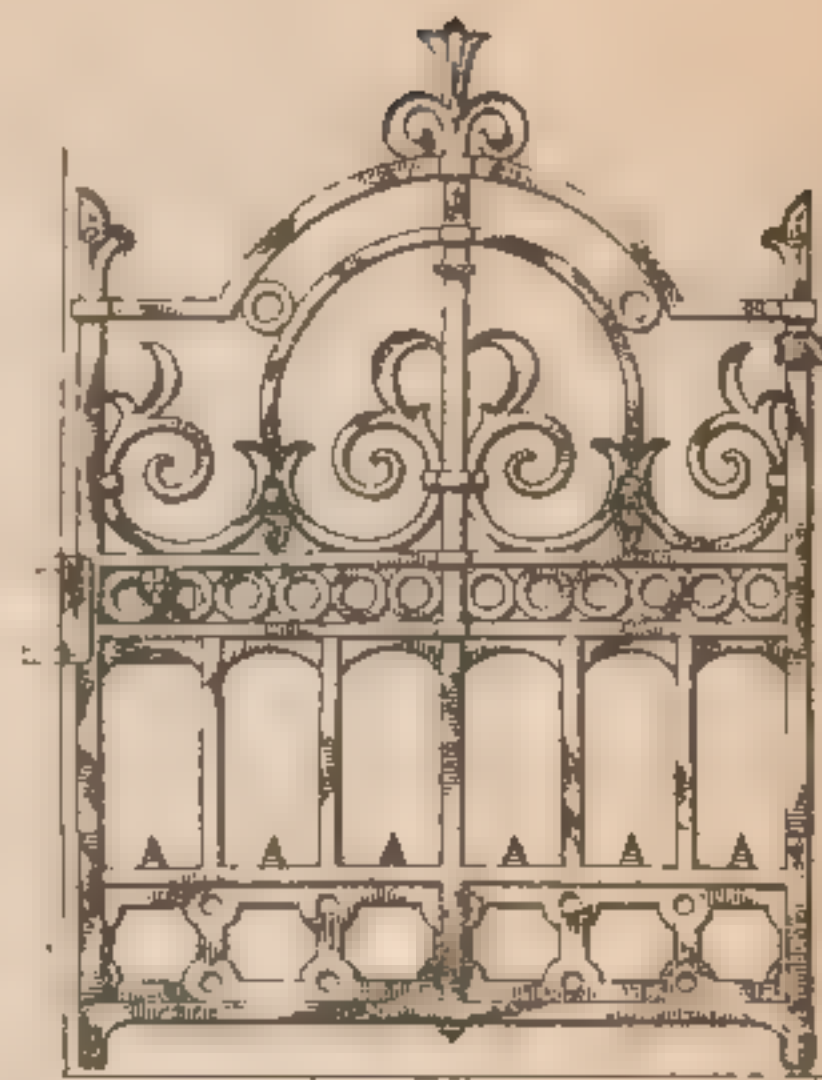
N° 969

3' 6"
DOUBLE LEAVED 6' 10 1/2"

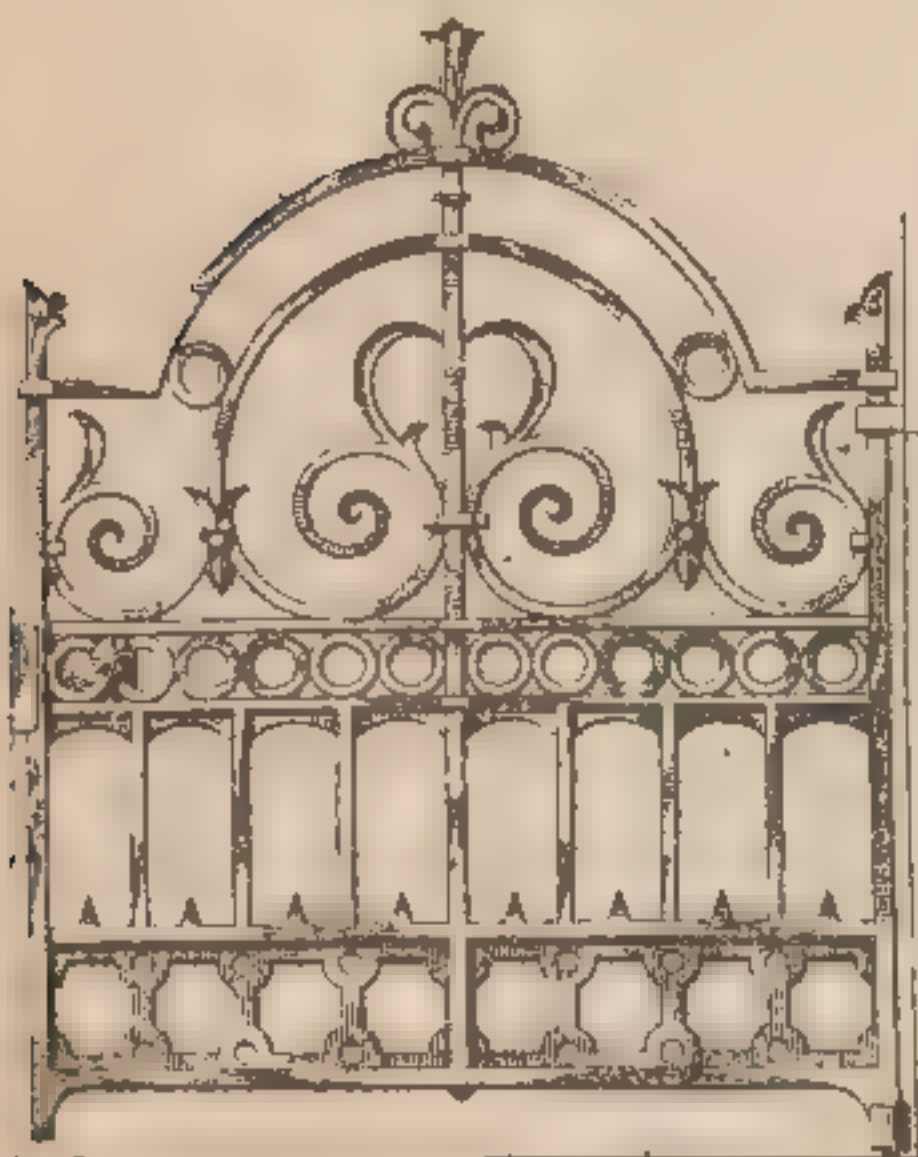
N° 75

3' 0"
DOUBLE LEAVED 6' 0"

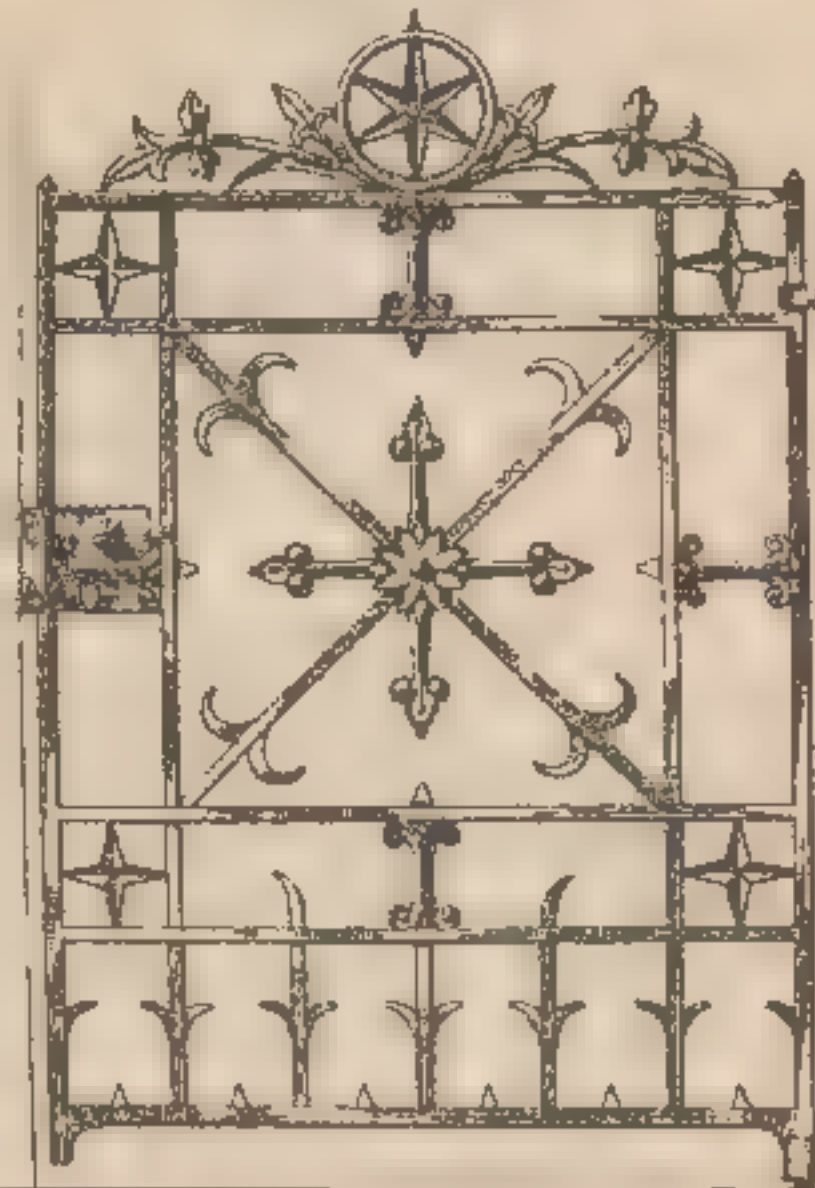
N° 145

2' 11"
DOUBLE LEAVED 5' 9"

N° 145

3' 6"
DOUBLE LEAVED 6' 11"

N° 740

3' 1"
DOUBLE LEAVED 6' 0"

N° 1026

3' 0" AND 3' 6"
DOUBLE LEAVED 5' 11" AND 6' 11"

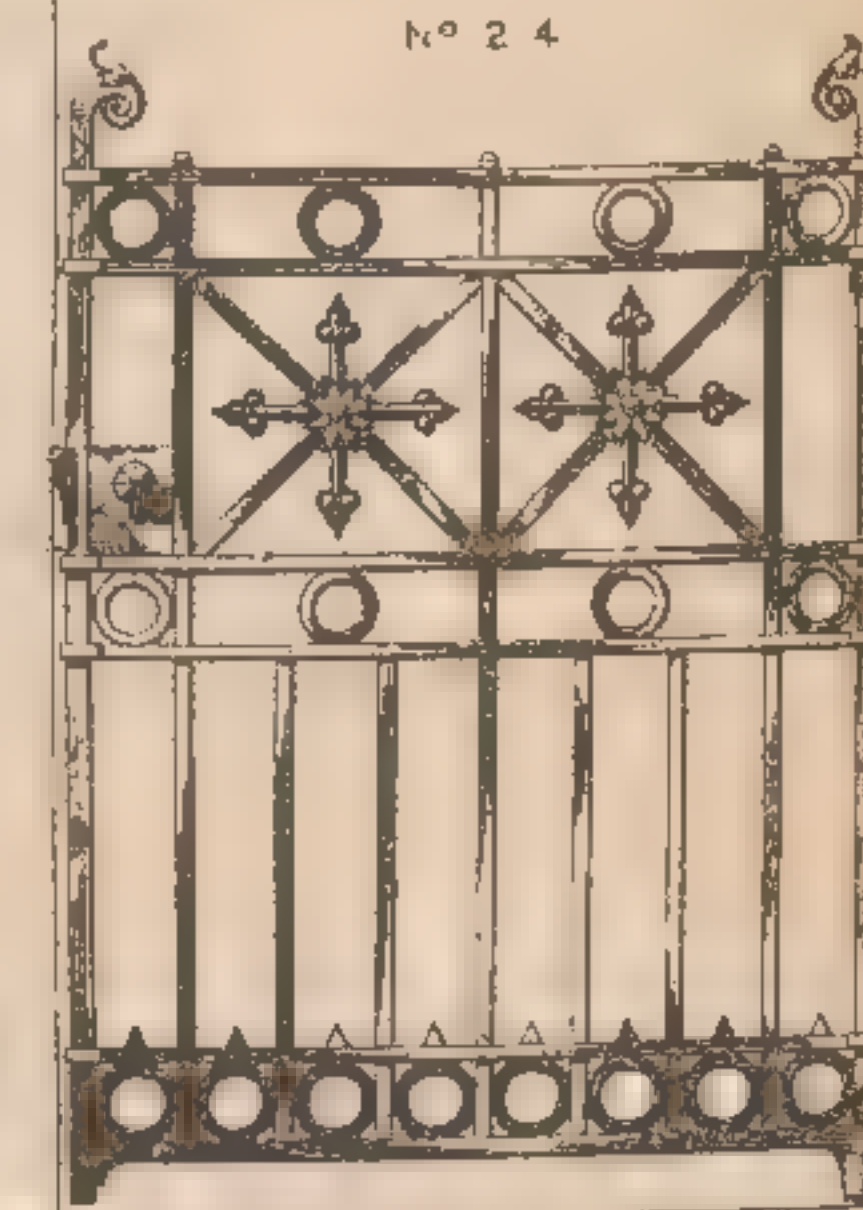
N° 1095

3' 3" AND 3' 8"
DOUBLE LEAVED 6' 5" AND 7' 4"

N° 920

3' 1"
DOUBLE LEAVED 6' 0"

N° 24

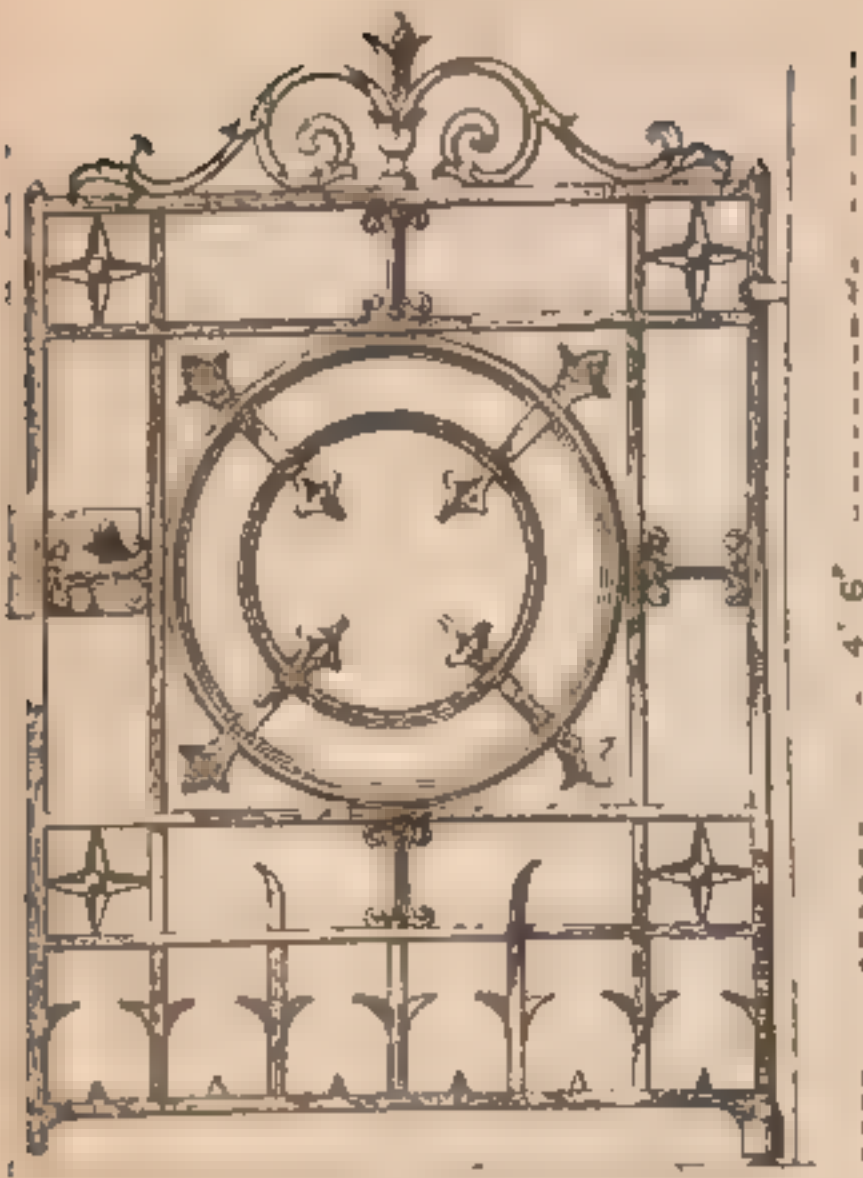
3' 3"
DOUBLE LEAVED 6' 8"

SCALE



4 FEET

Nº 741



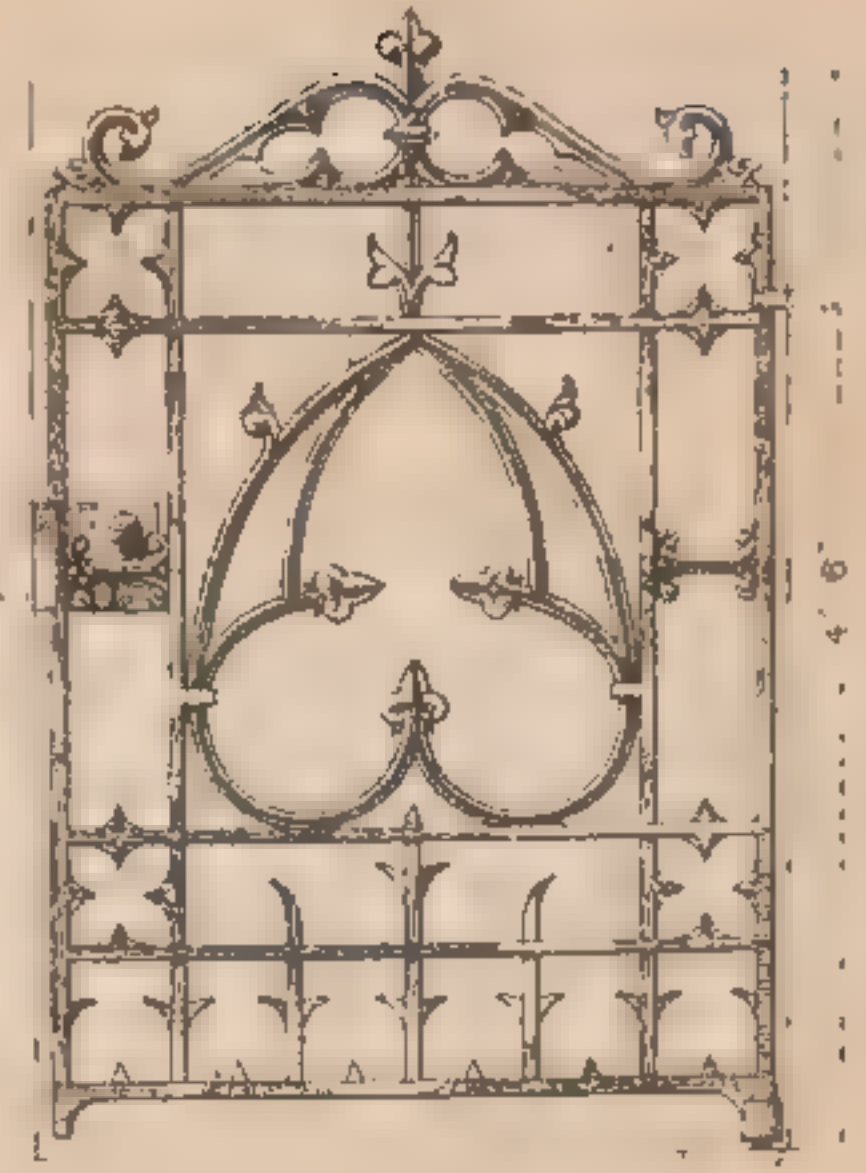
DOUBLE LEAVED 6' 0"

Nº 145



DOUBLE LEAVED 6' 9"

Nº 743



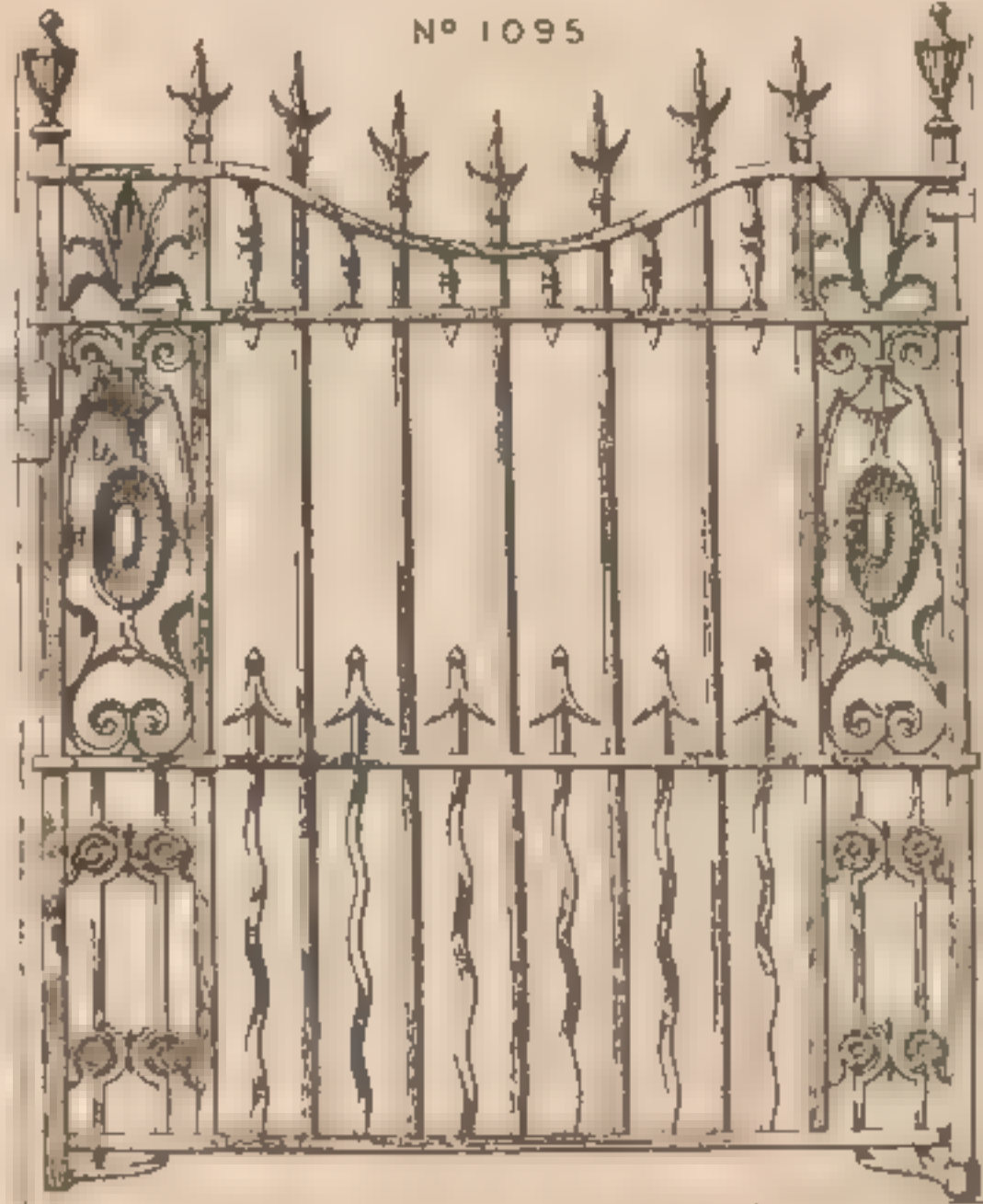
DOUBLE LEAVED 6' 0"

Nº 957



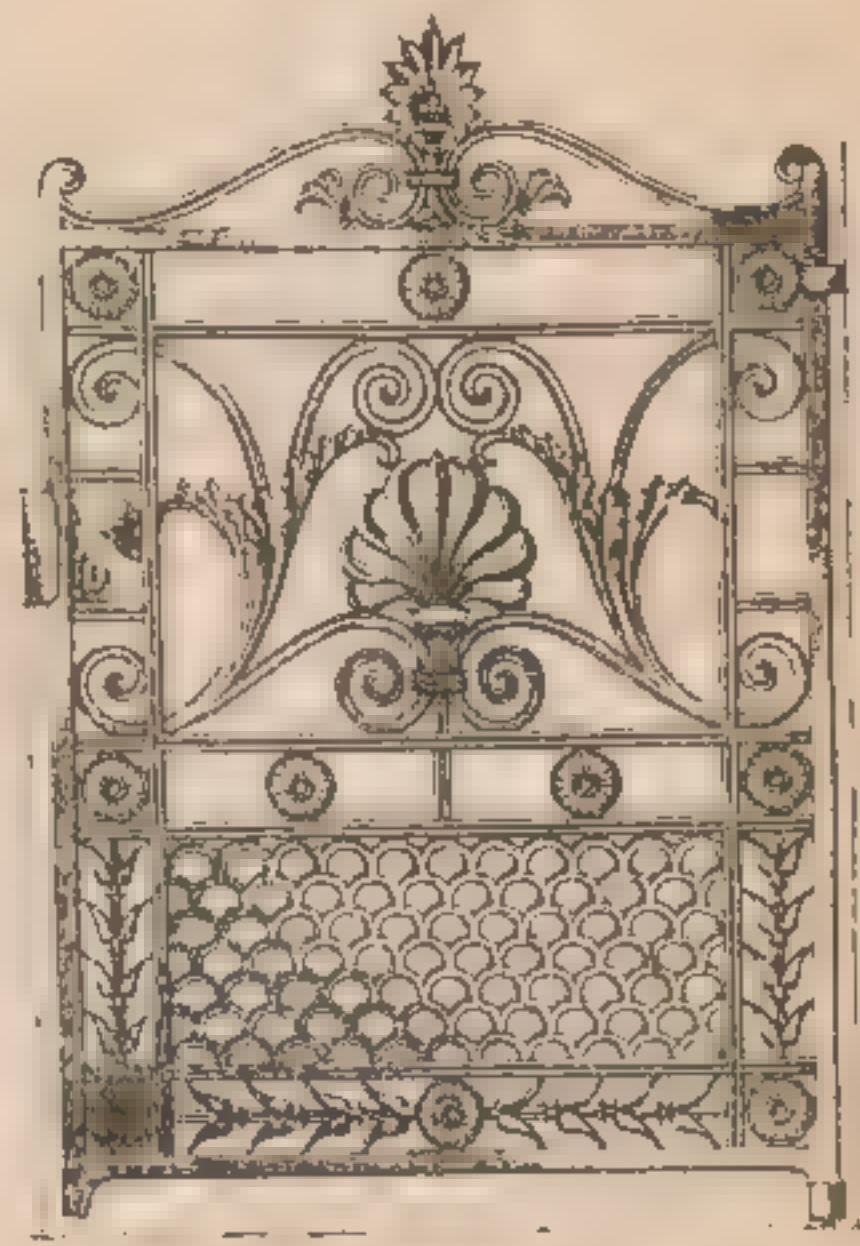
DOUBLE LEAVED 5' 8"

Nº 1095



DOUBLE LEAVED 7' 4" AND 8' 1"

Nº 957



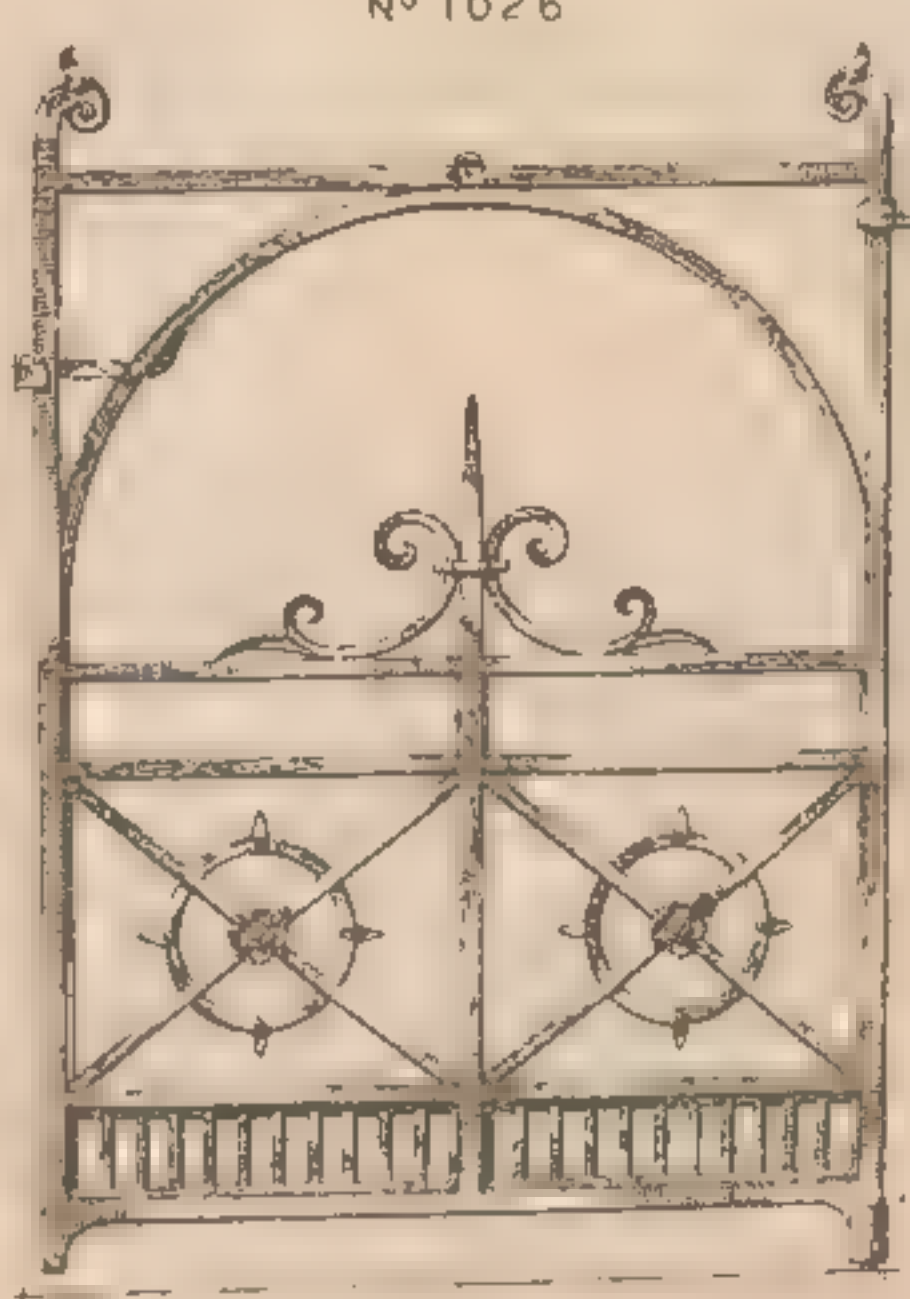
DOUBLE LEAVED 6' 5"

Nº 145



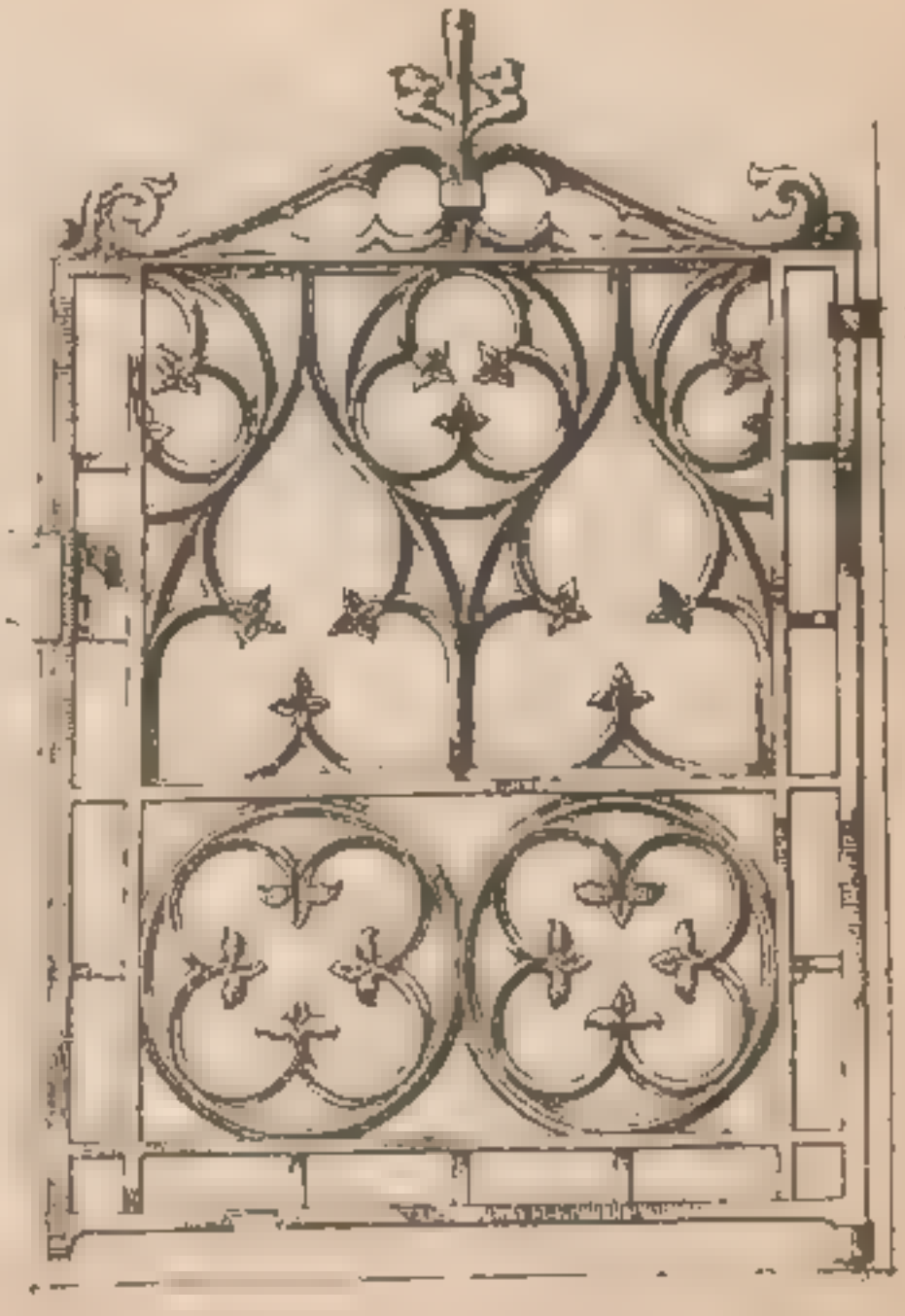
DOUBLE LEAVED 6' 1"

Nº 1026



DOUBLE LEAVED 6'

Nº 840



DOUBLE LEAVED 7' 0"

SCALE

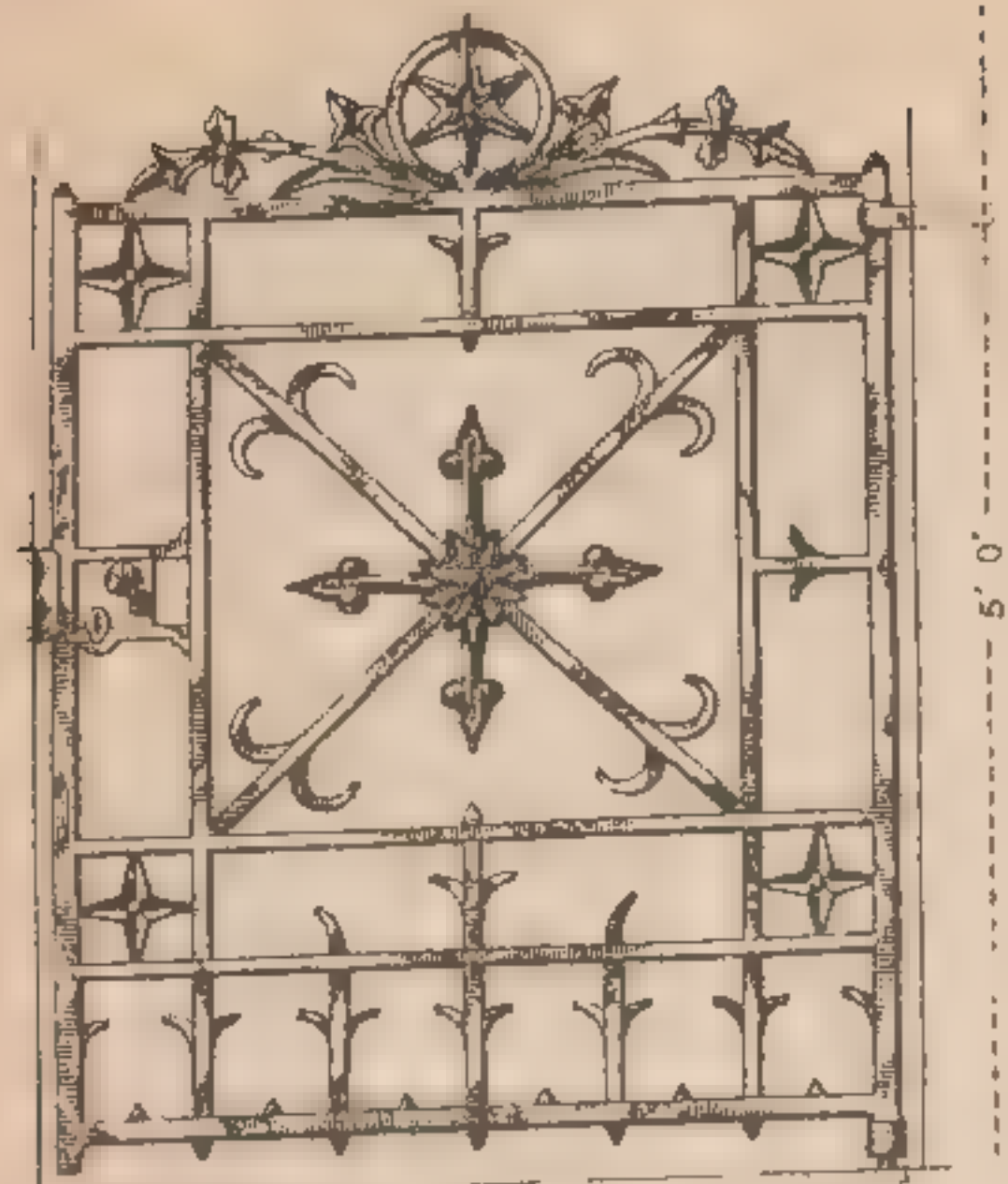


1 2 3

4 FEET

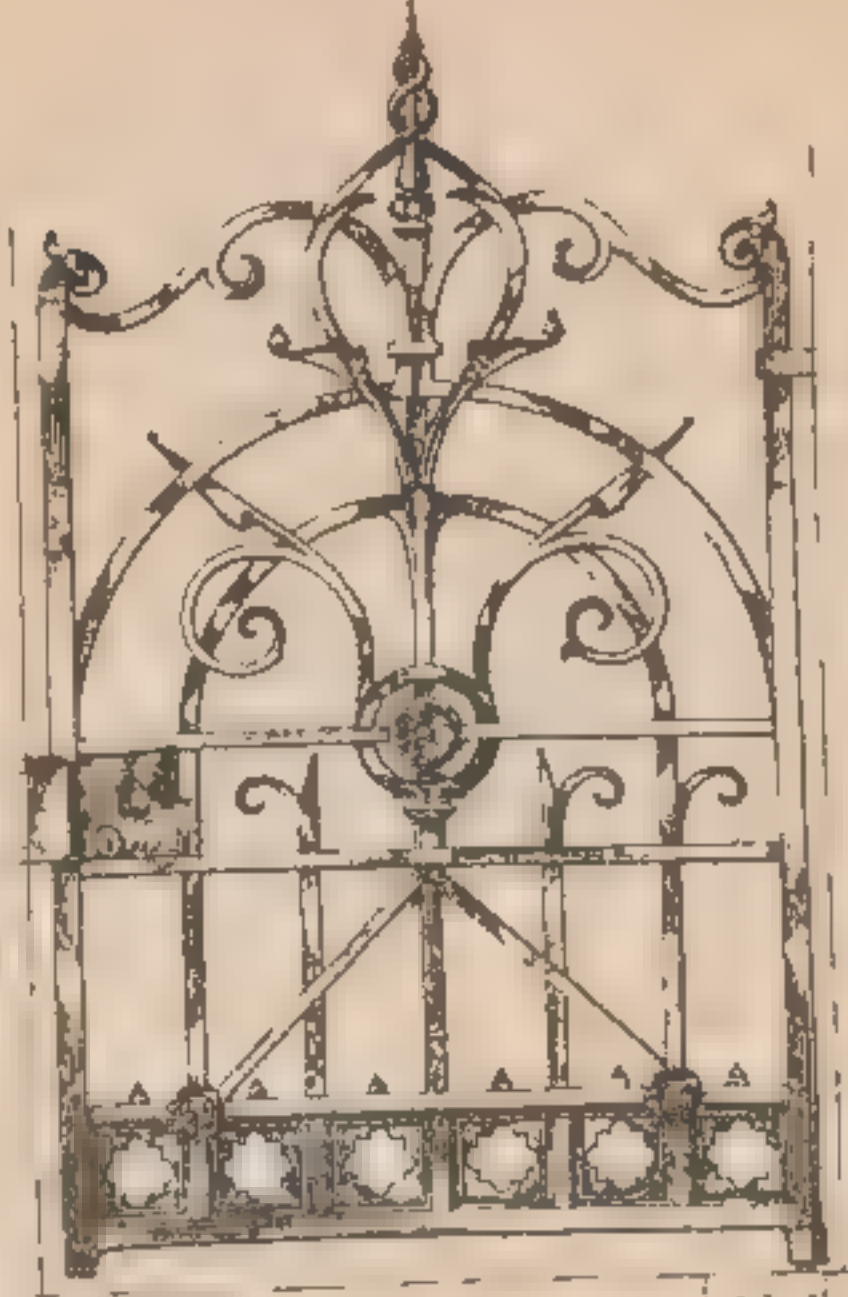
296

Nº 740



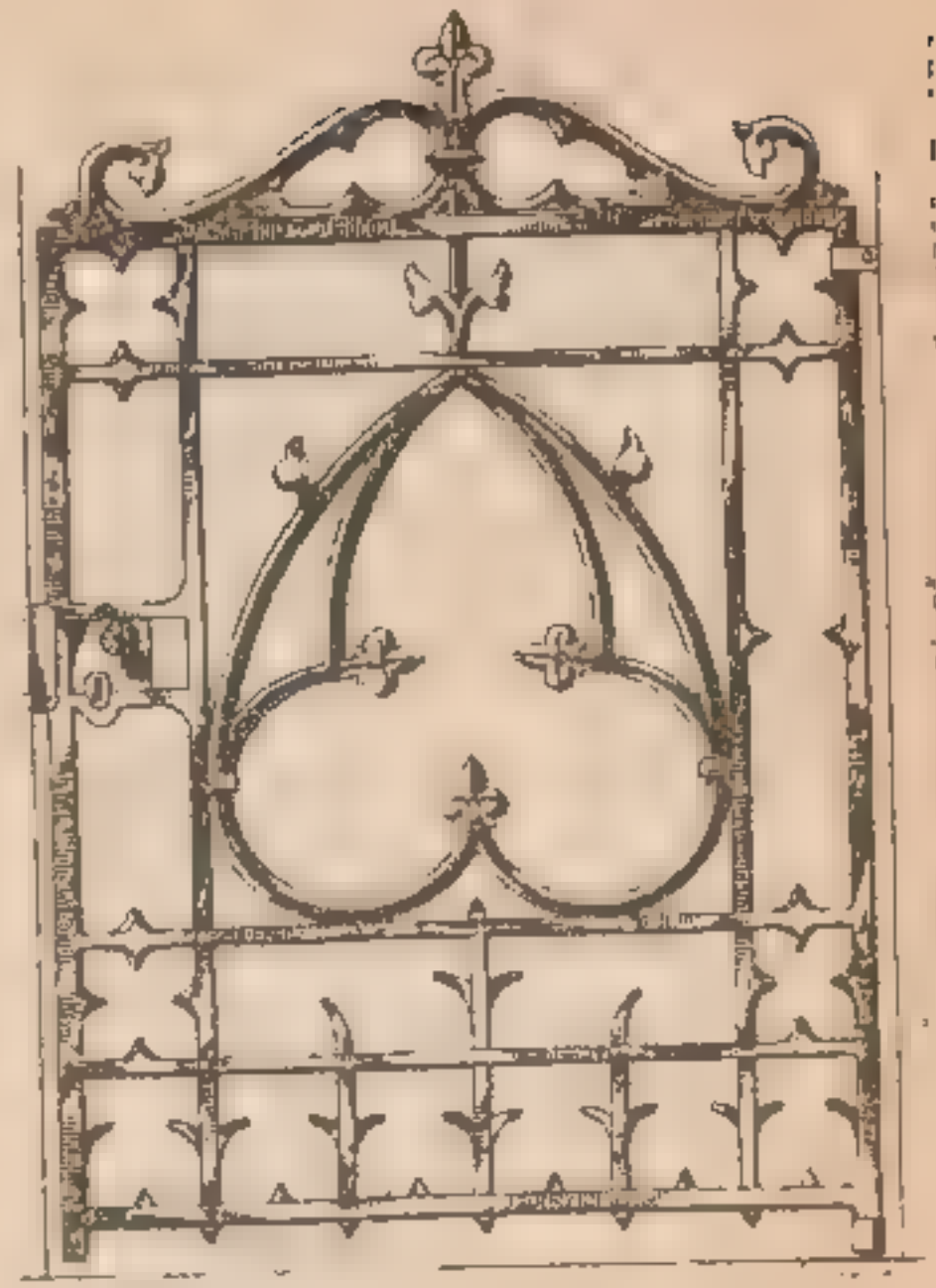
DOUBLE LEAVED 7' 0"

Nº 946



DOUBLE LEAVED 6' 0"

Nº 743



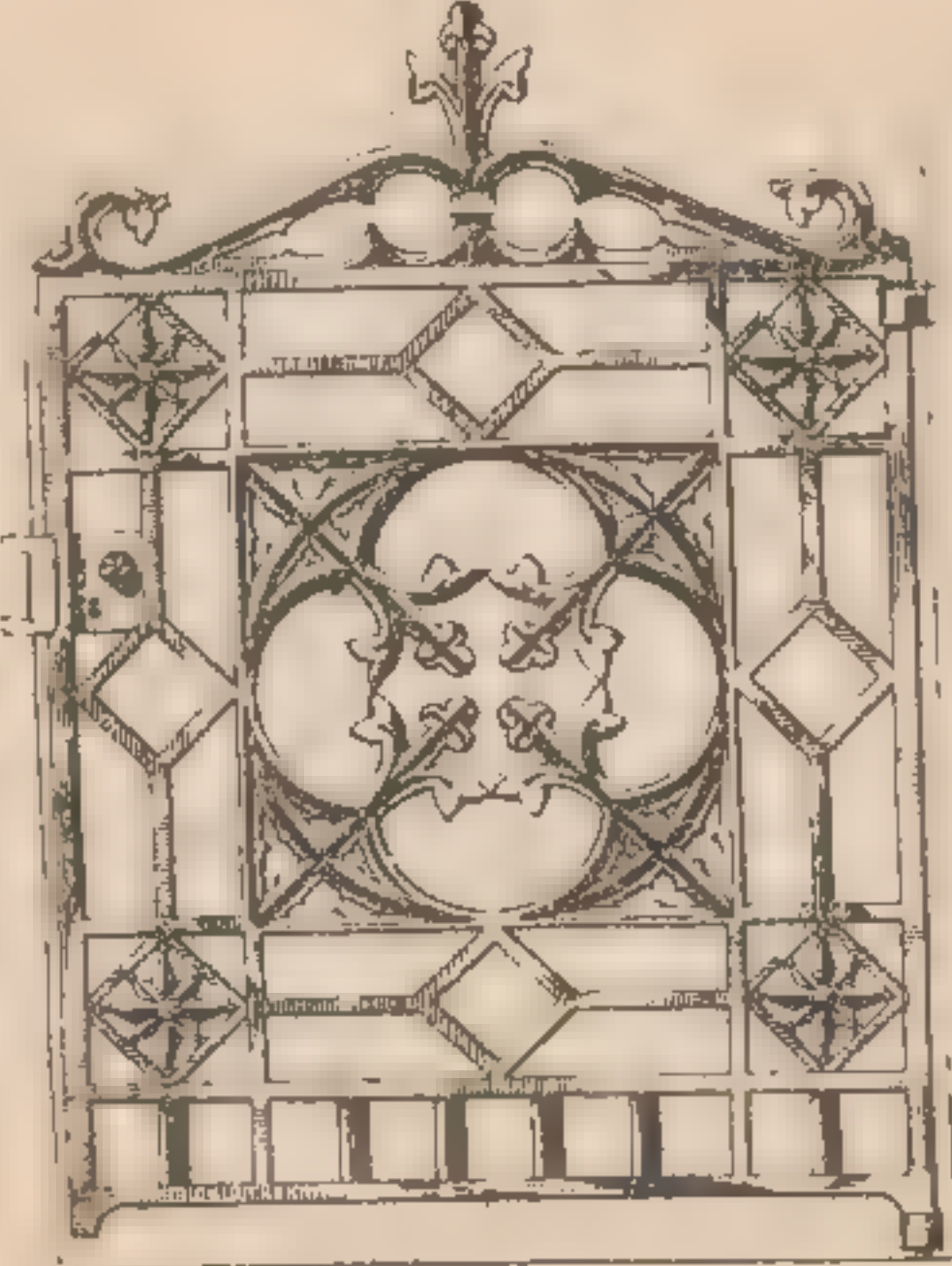
DOUBLE LEAVED 7' 0"

Nº 920



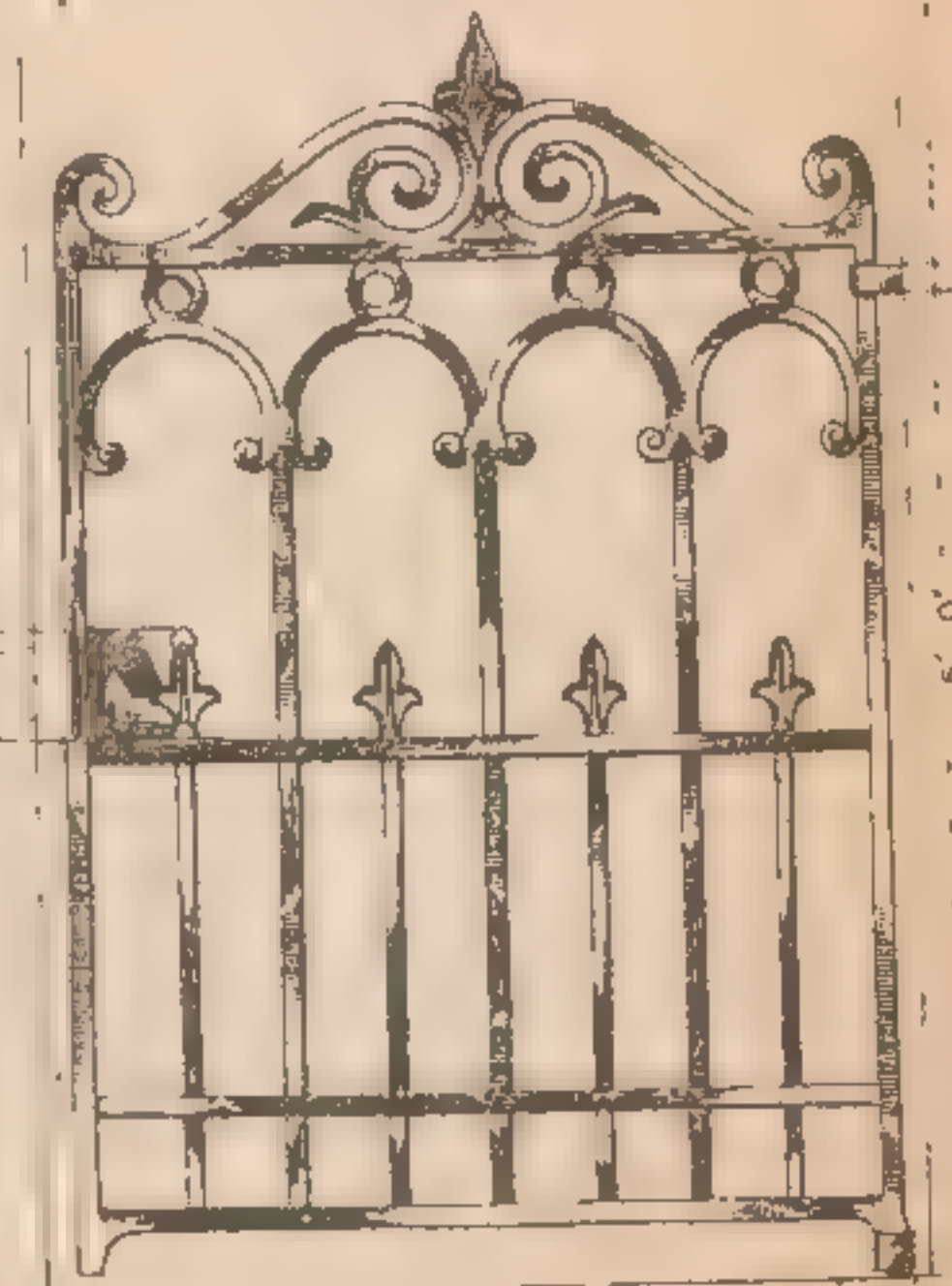
DOUBLE LEAVED 6' 0" AND 7' 0"

Nº 23



DOUBLE LEAVED 6' 11"

Nº 973



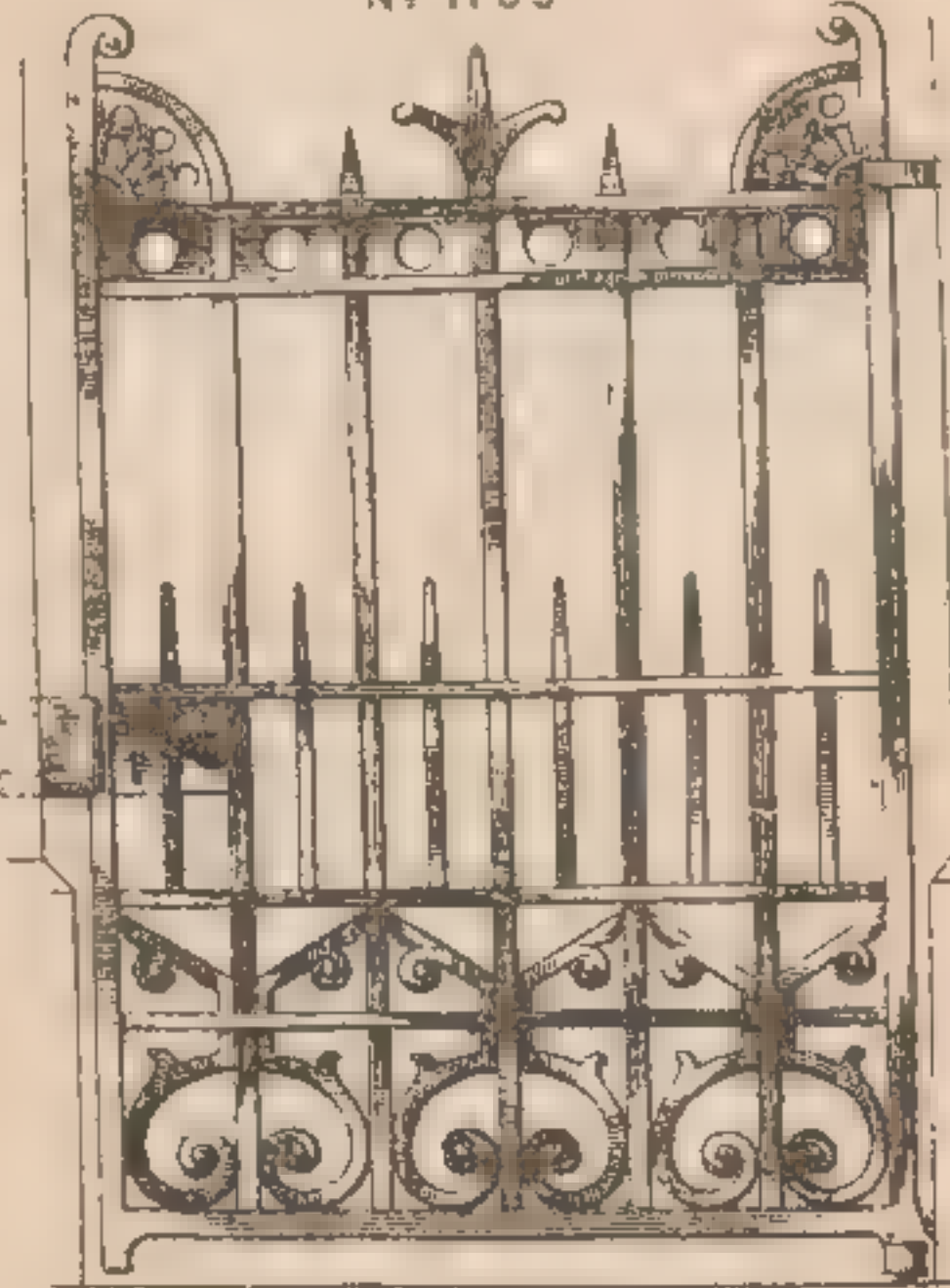
DOUBLE LEAVED 7' 0"

Nº 742



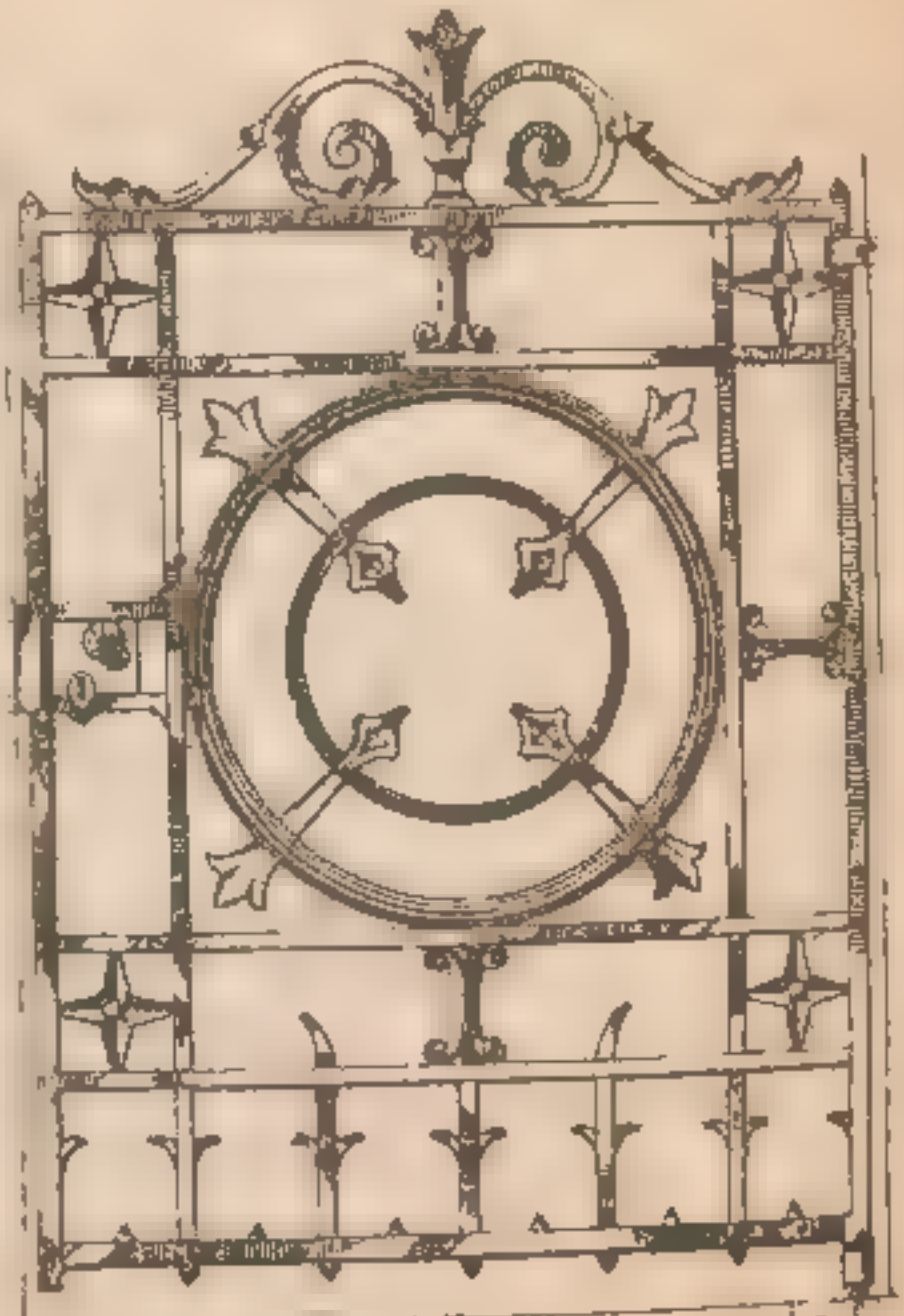
DOUBLE LEAVED 7' 0"

Nº 1135



DOUBLE LEAVED 6' 7" x 5' 4" HIGH
ALSO DOUBLE LEAVED 10' 8" SEE PAGE 306

Nº 741

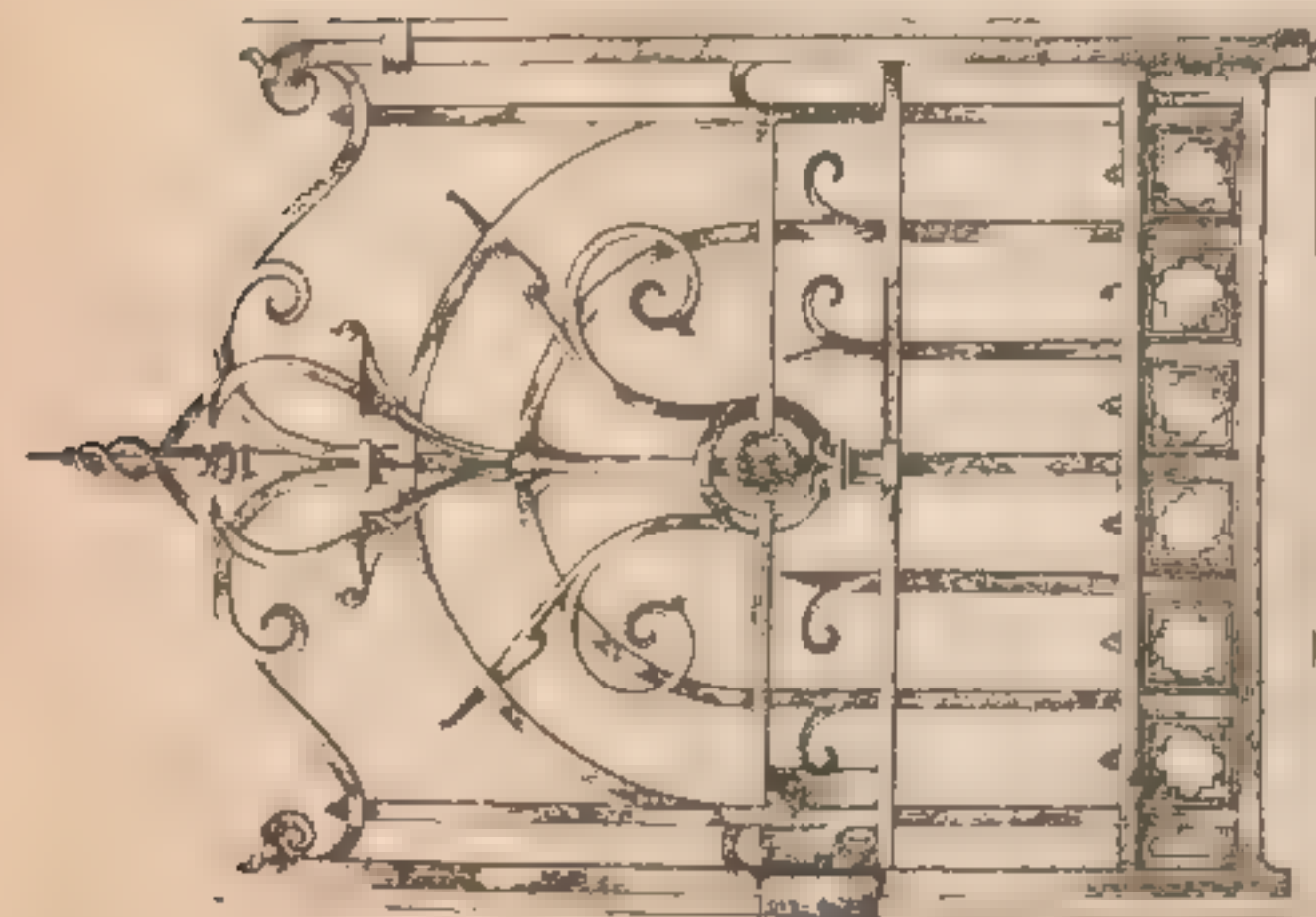


DOUBLE LEAVED 7' 0"

SCALE

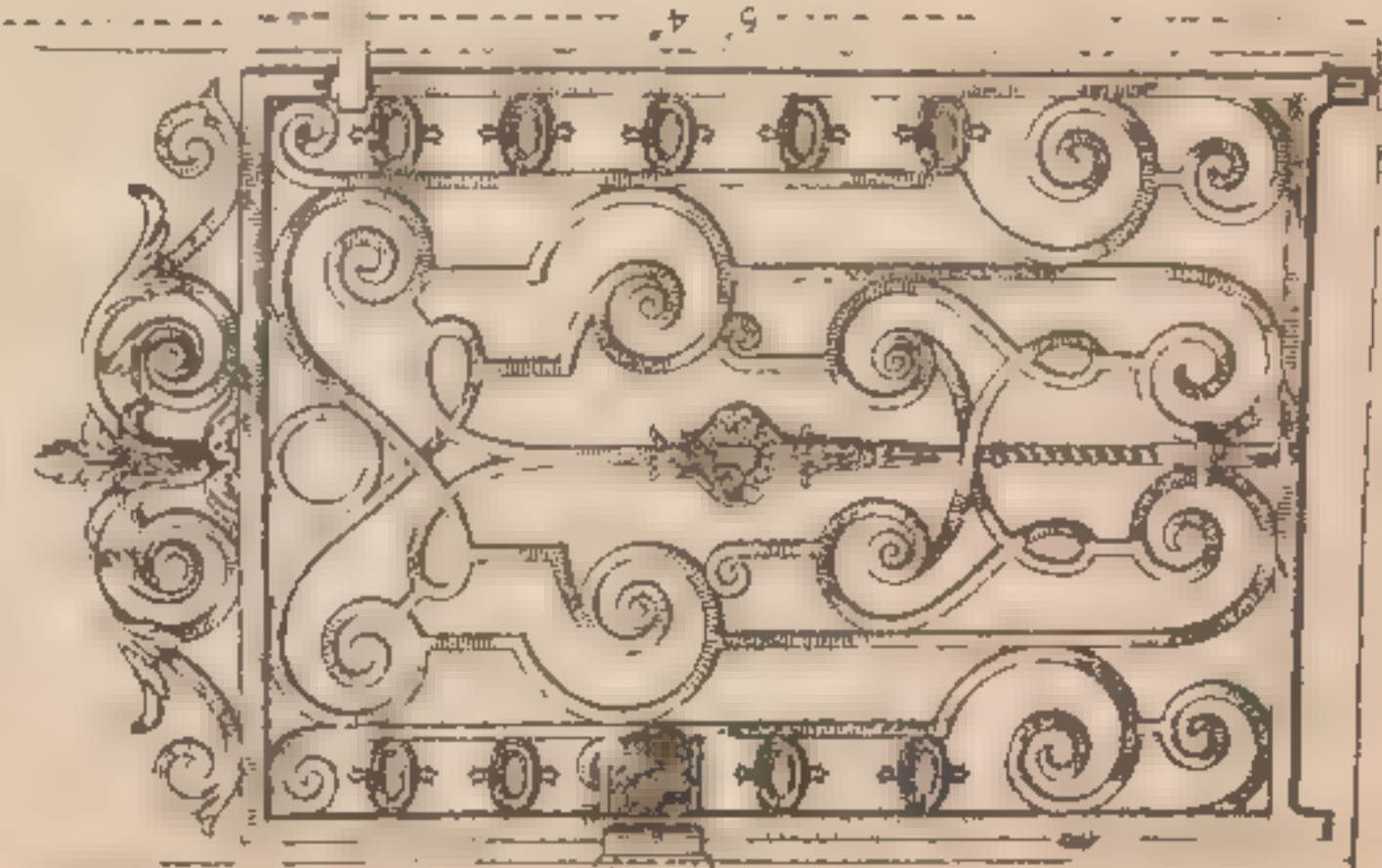


Nº 946



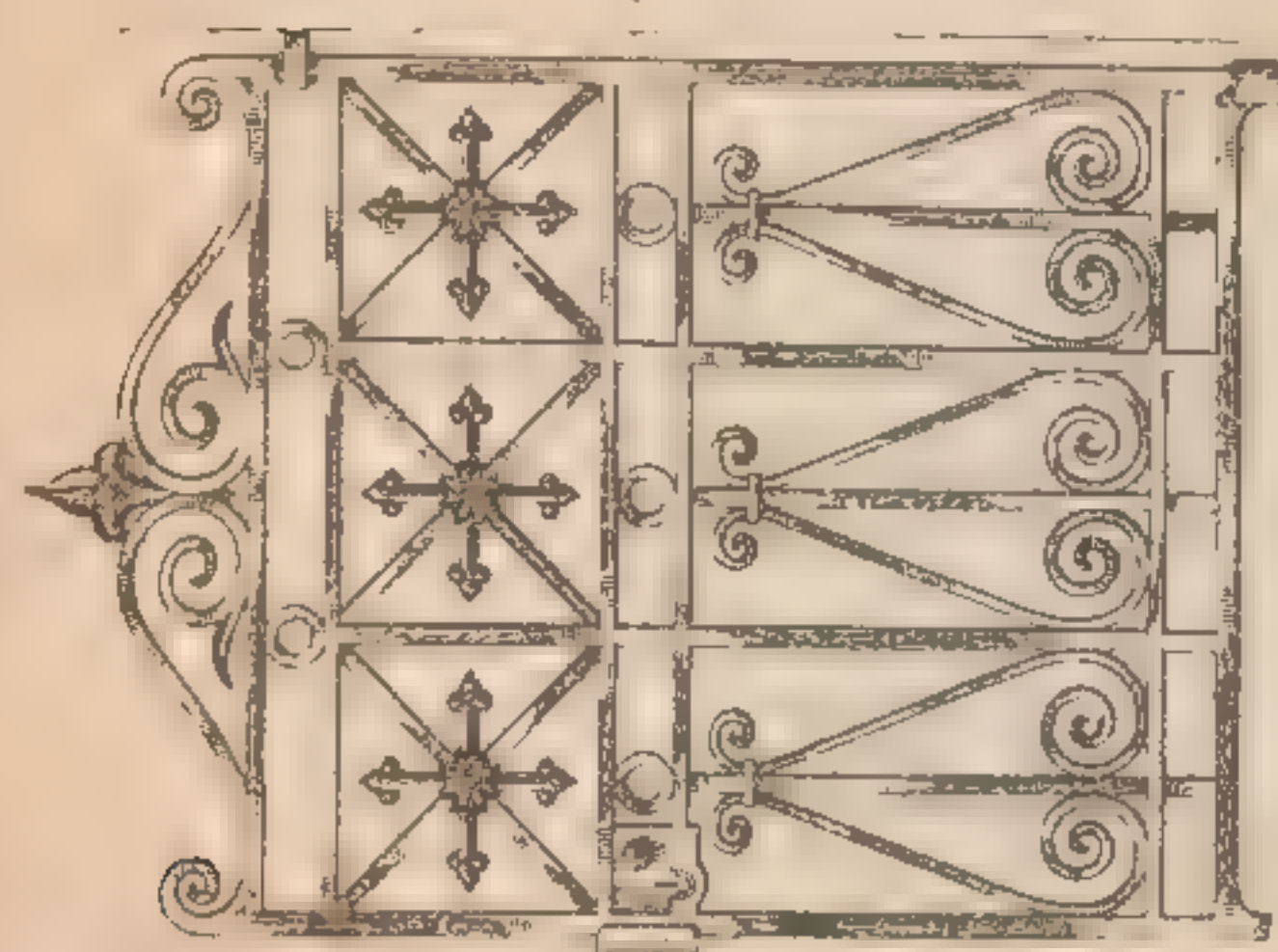
DOUBLE LEAVED 7' 0"

Nº 46



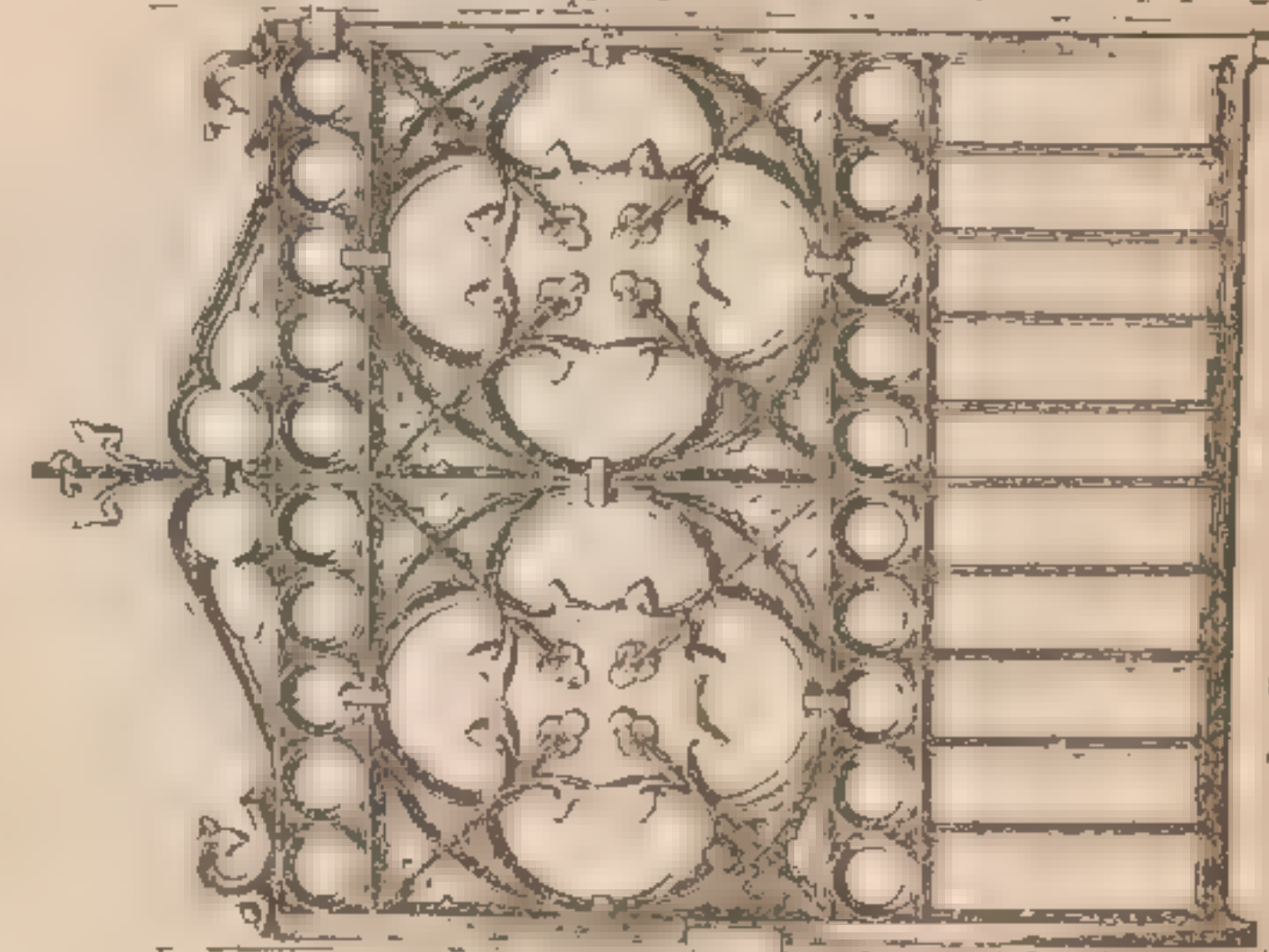
DOUBLE LEAVED 6' 6"

Nº 101



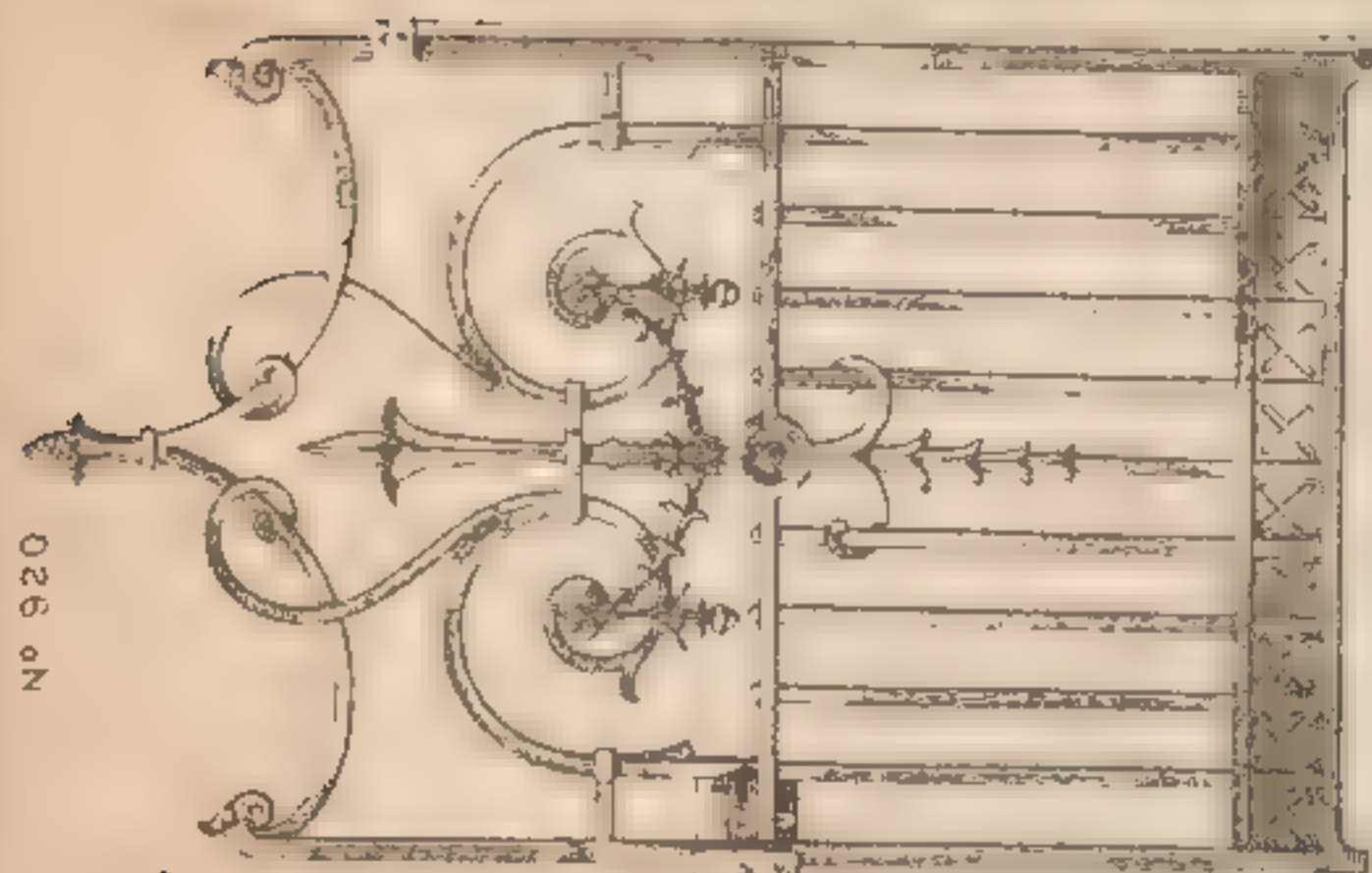
DOUBLE LEAVED 7' 4"

Nº 23



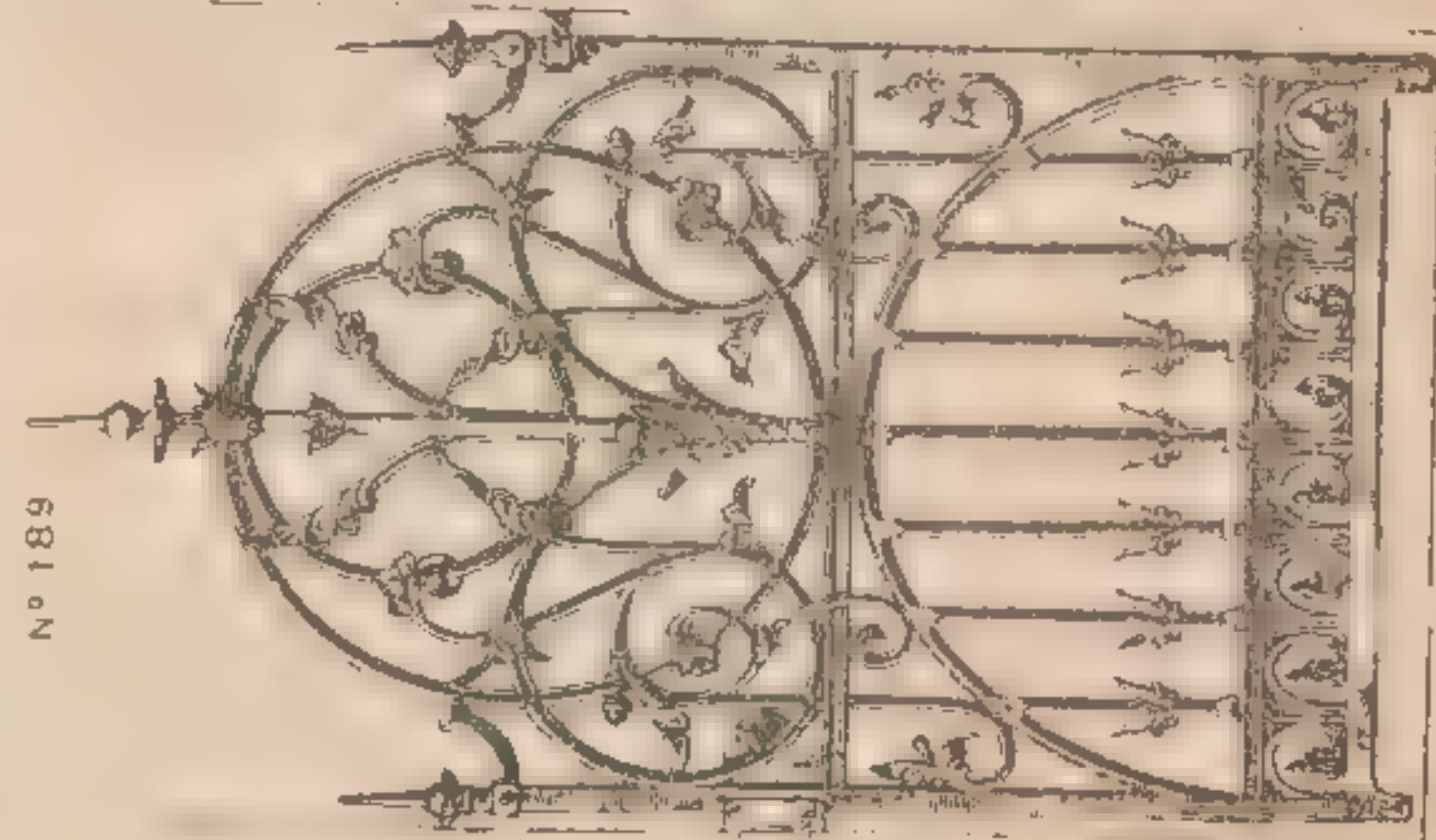
DOUBLE LEAVED 8' 2"

Nº 920



DOUBLE LEAVED 7' 0"

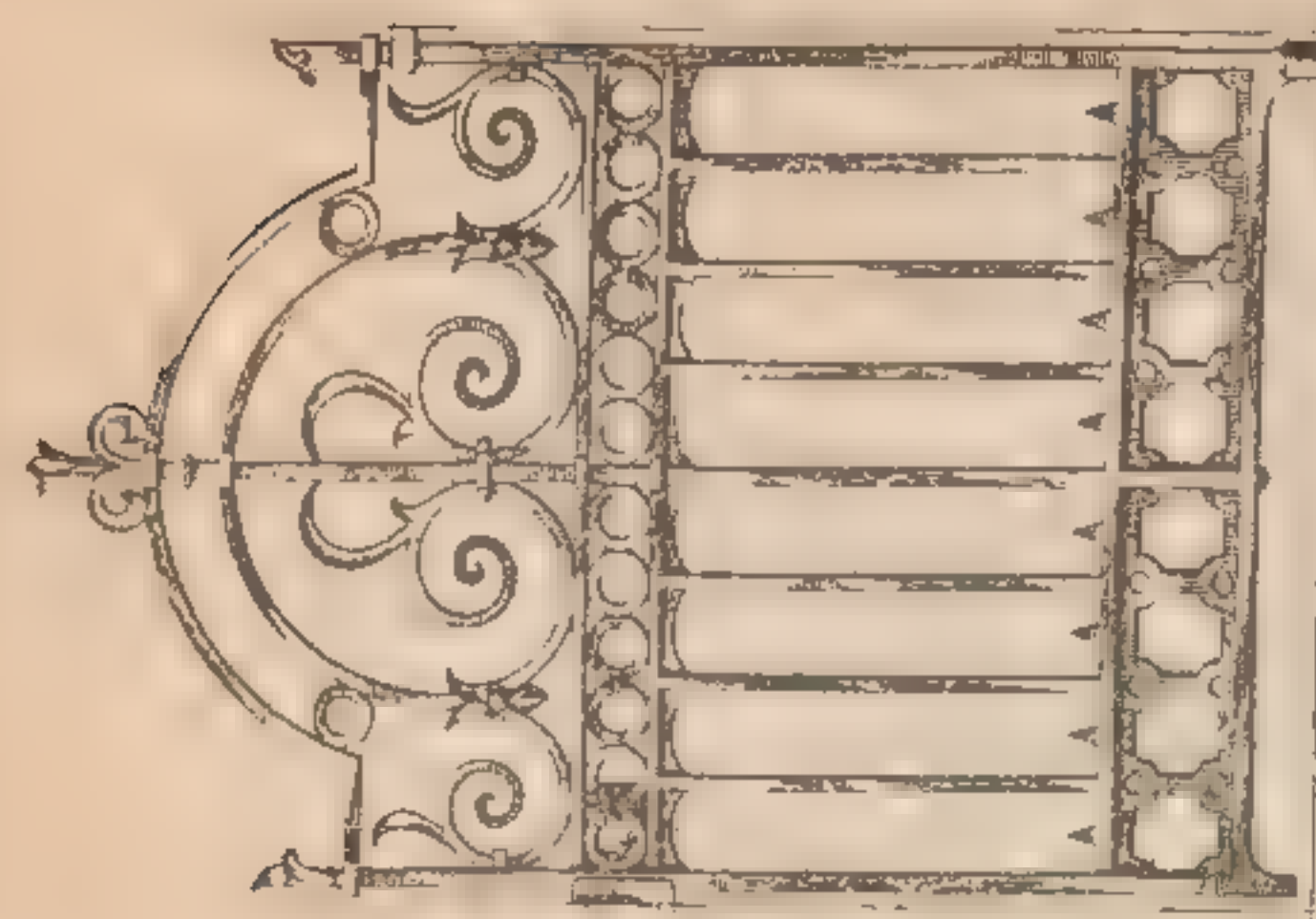
Nº 189



DOUBLE LEAVED 6' 0"

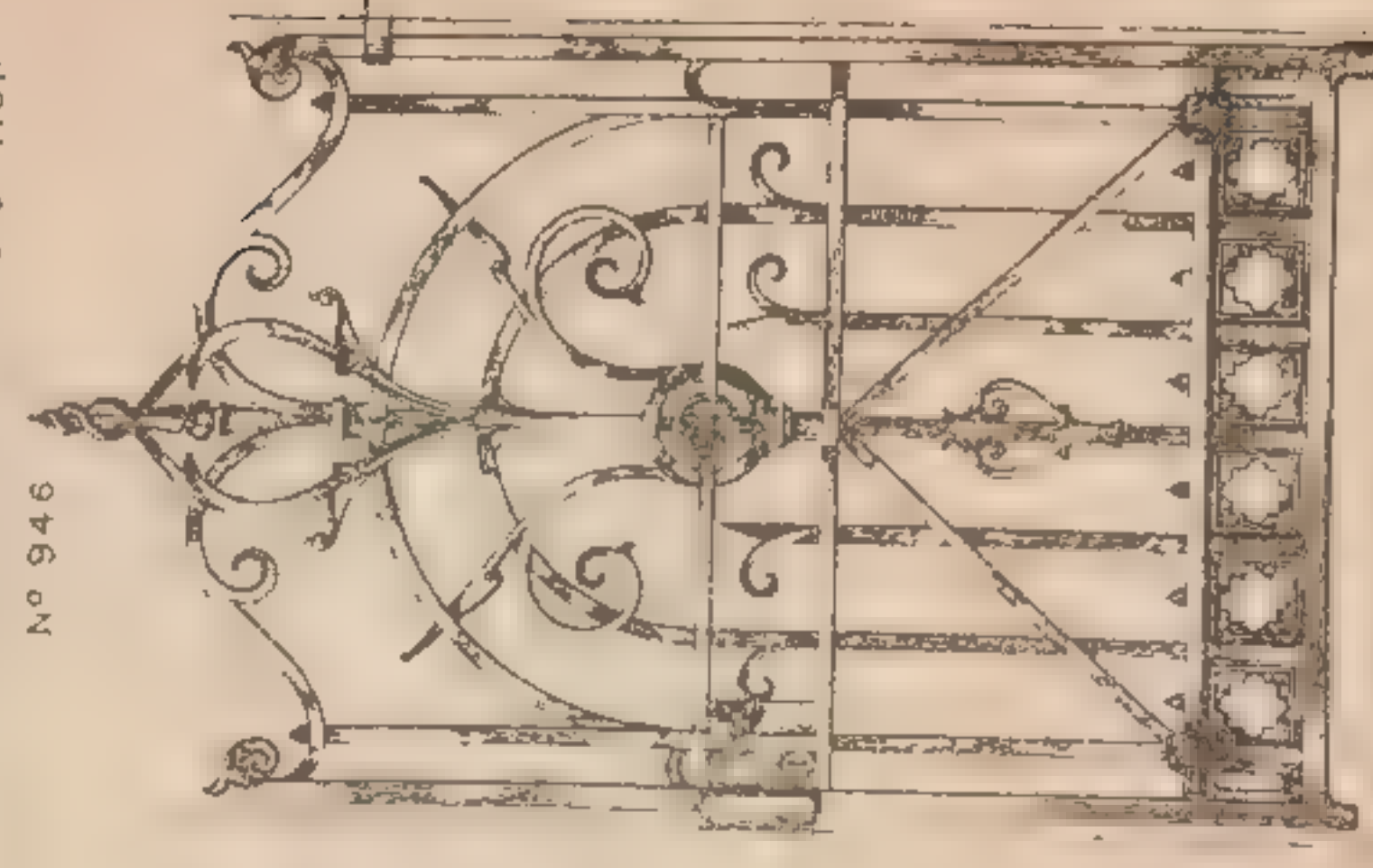
SCALE

Nº 45



DOUBLE LEAVED 6' 11"

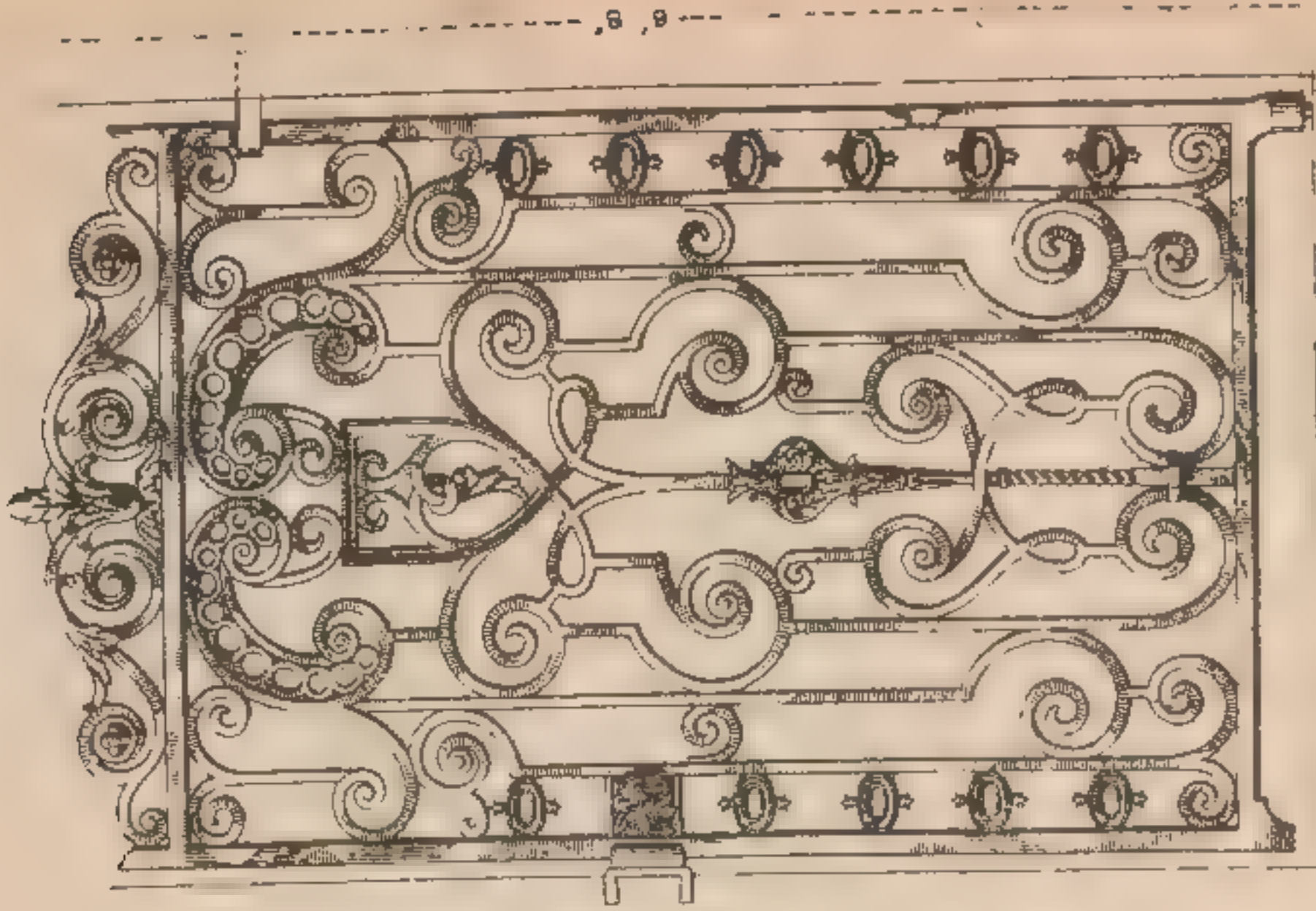
Nº 946



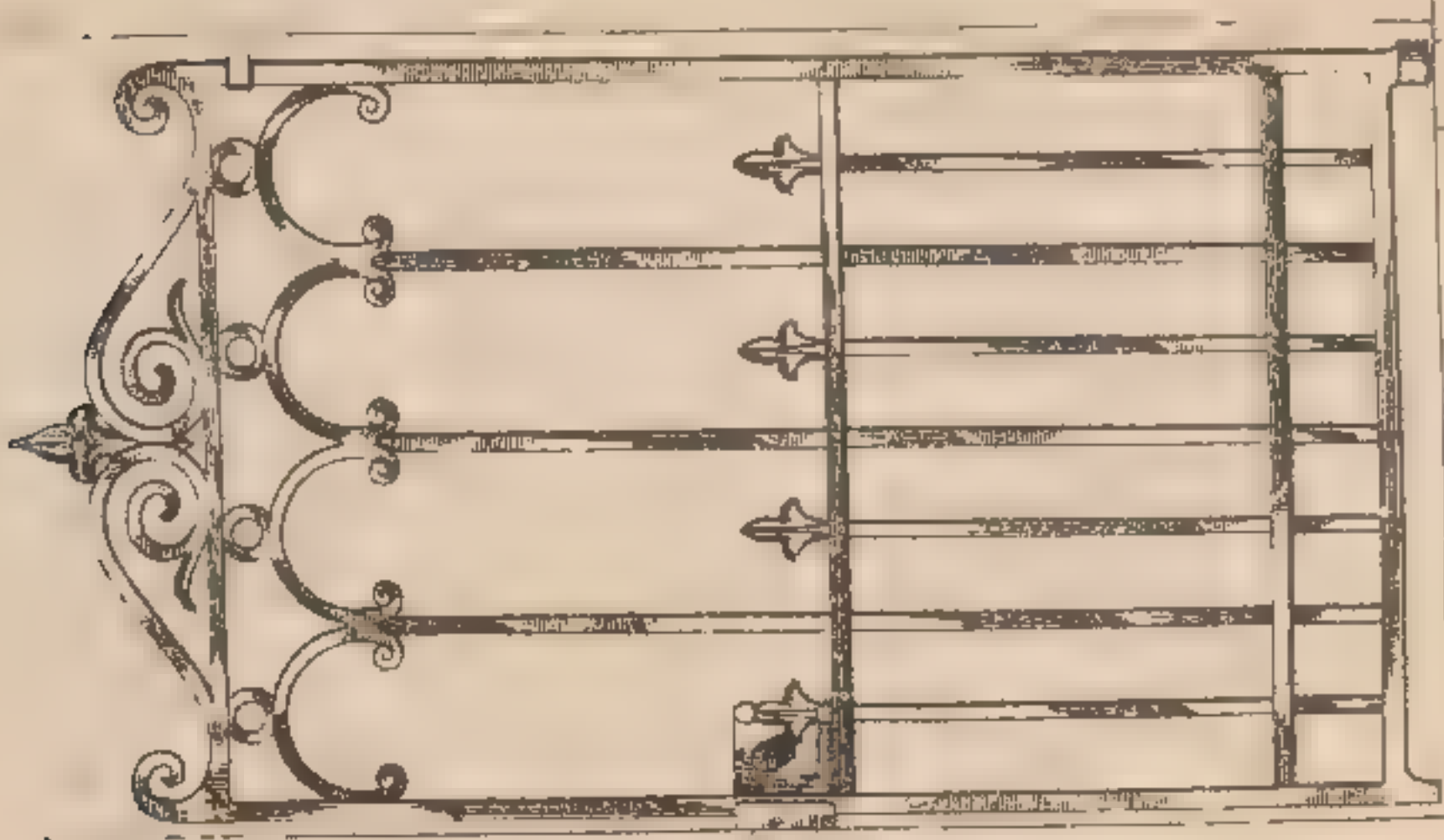
DOUBLE LEAVED 7' 0"

MACFARLANE'S CASTINGS — GATES

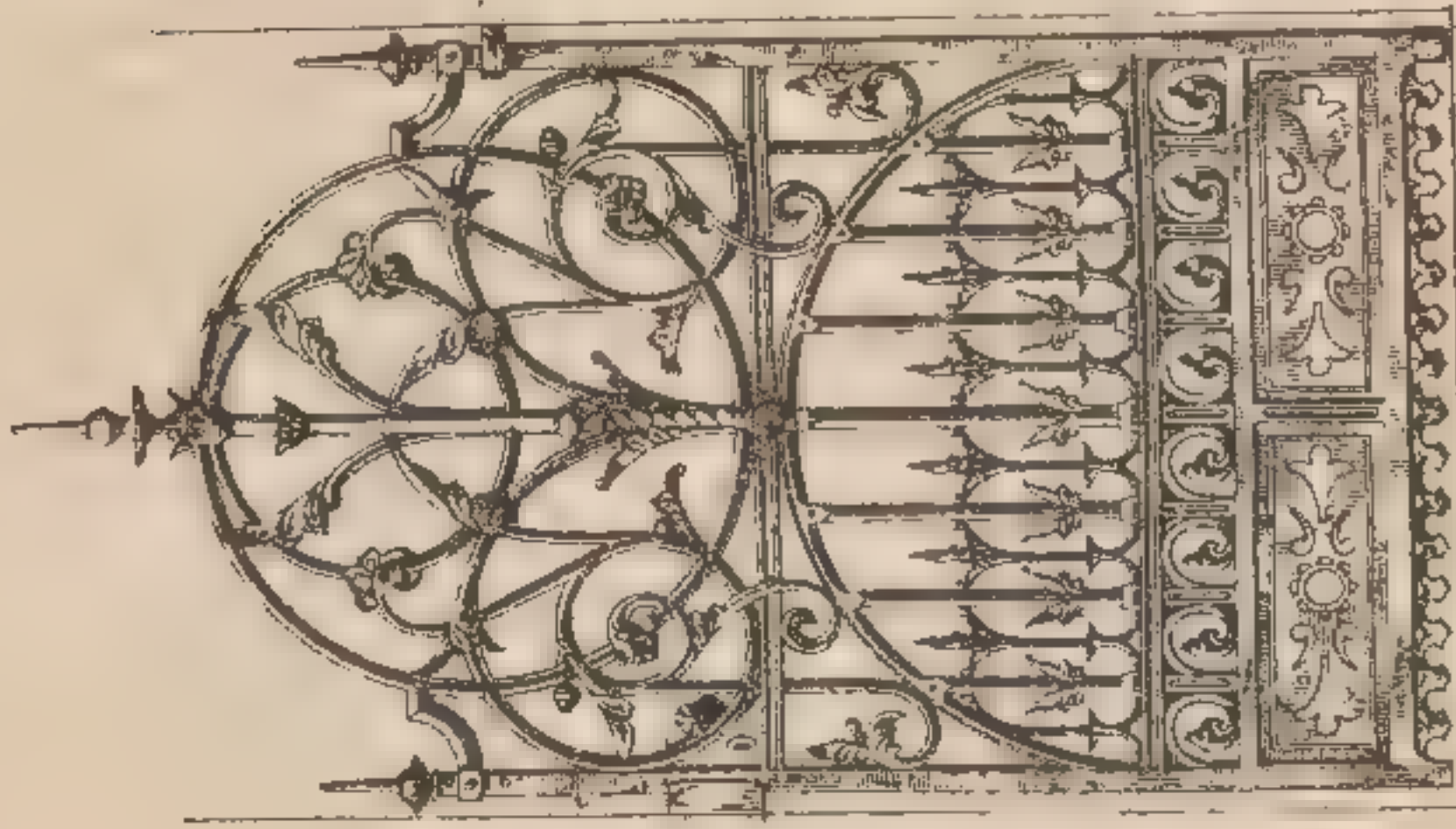
Nº 461



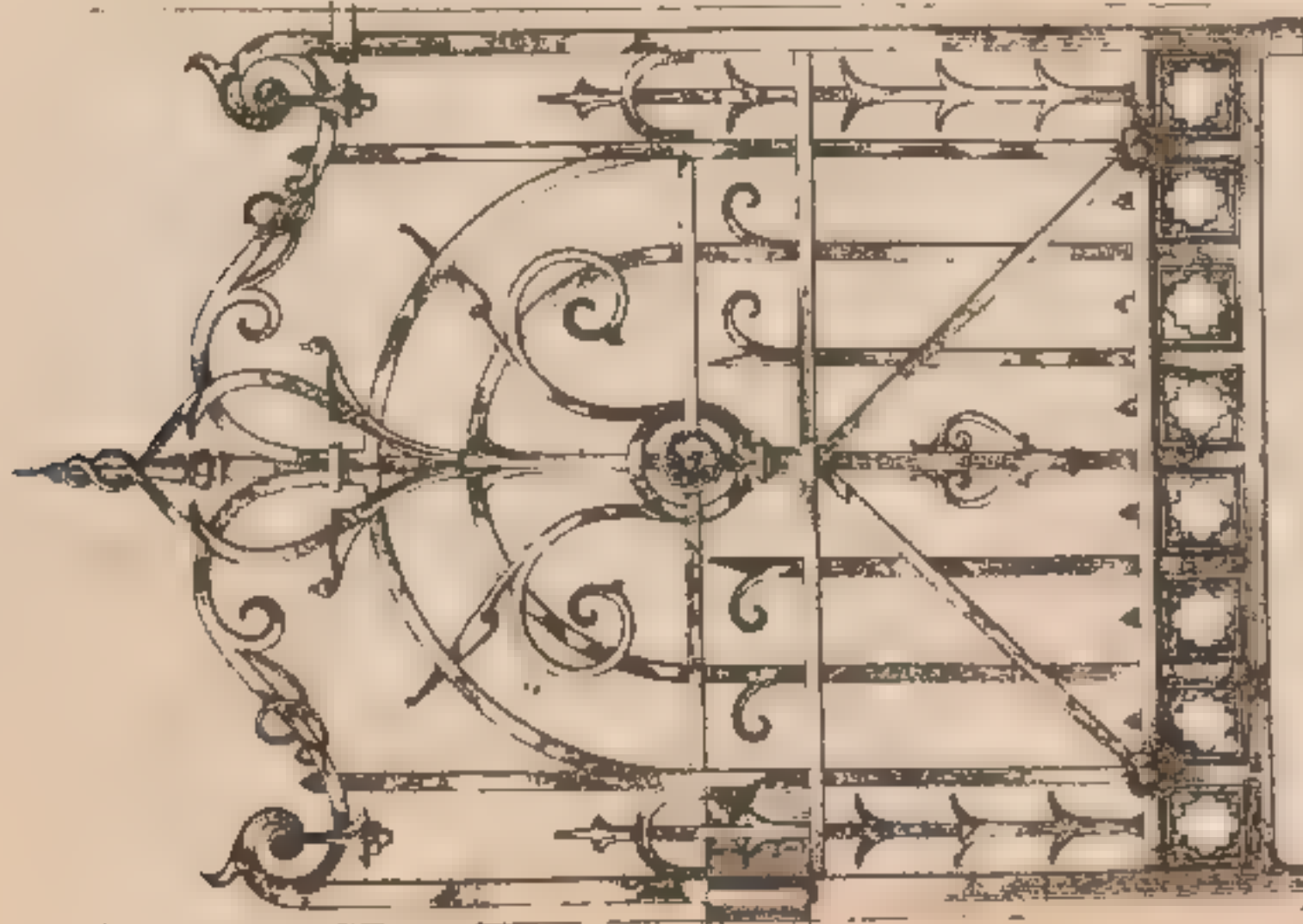
Nº 973



Nº 189



Nº 946

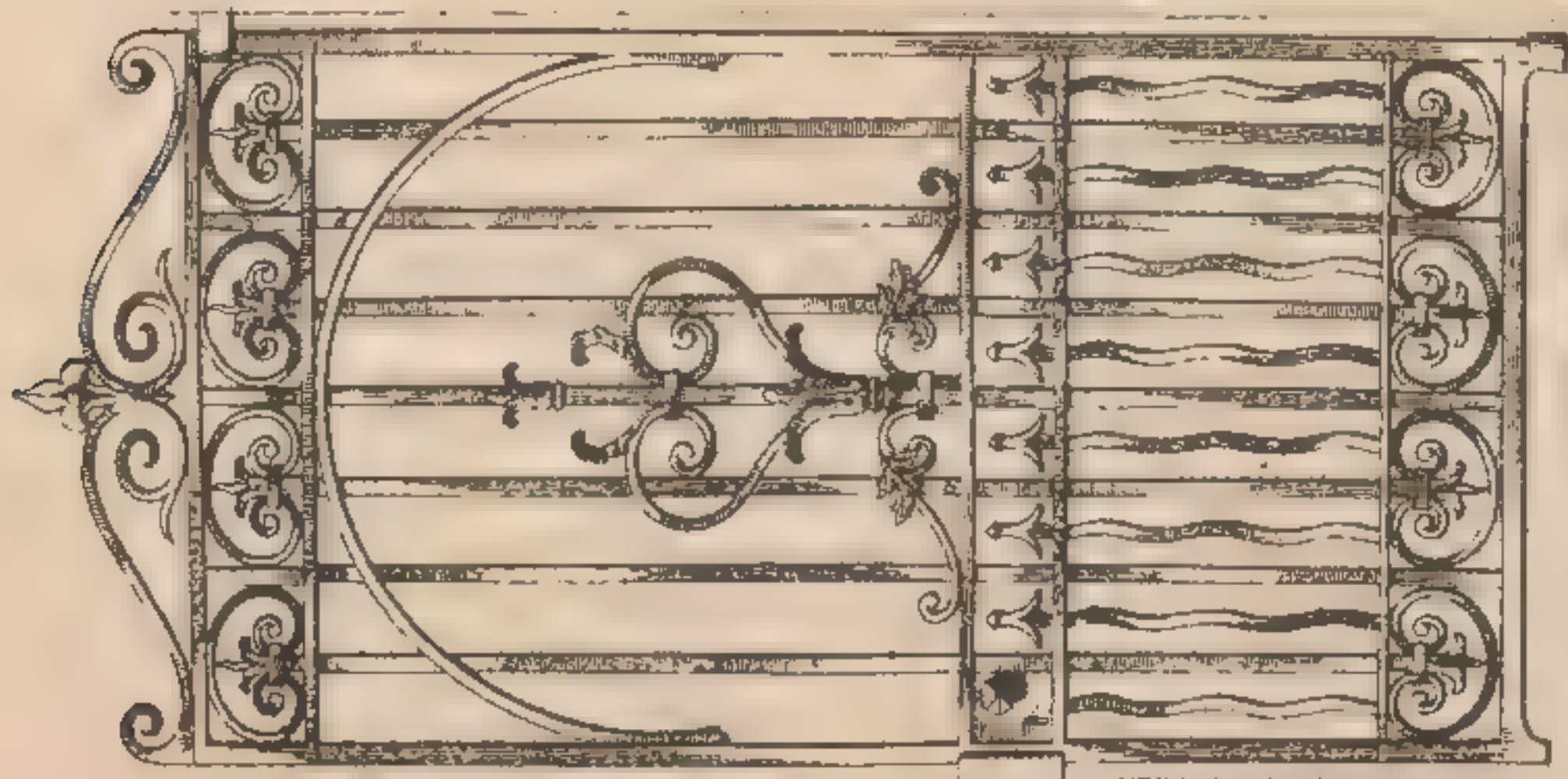


DOUBLE LEAVED 6' 10"
 ALSO DOUBLE LEAVED 8' 10" AND 10' 6" SEE PAGE 309

DOUBLE LEAVED 8' 0"

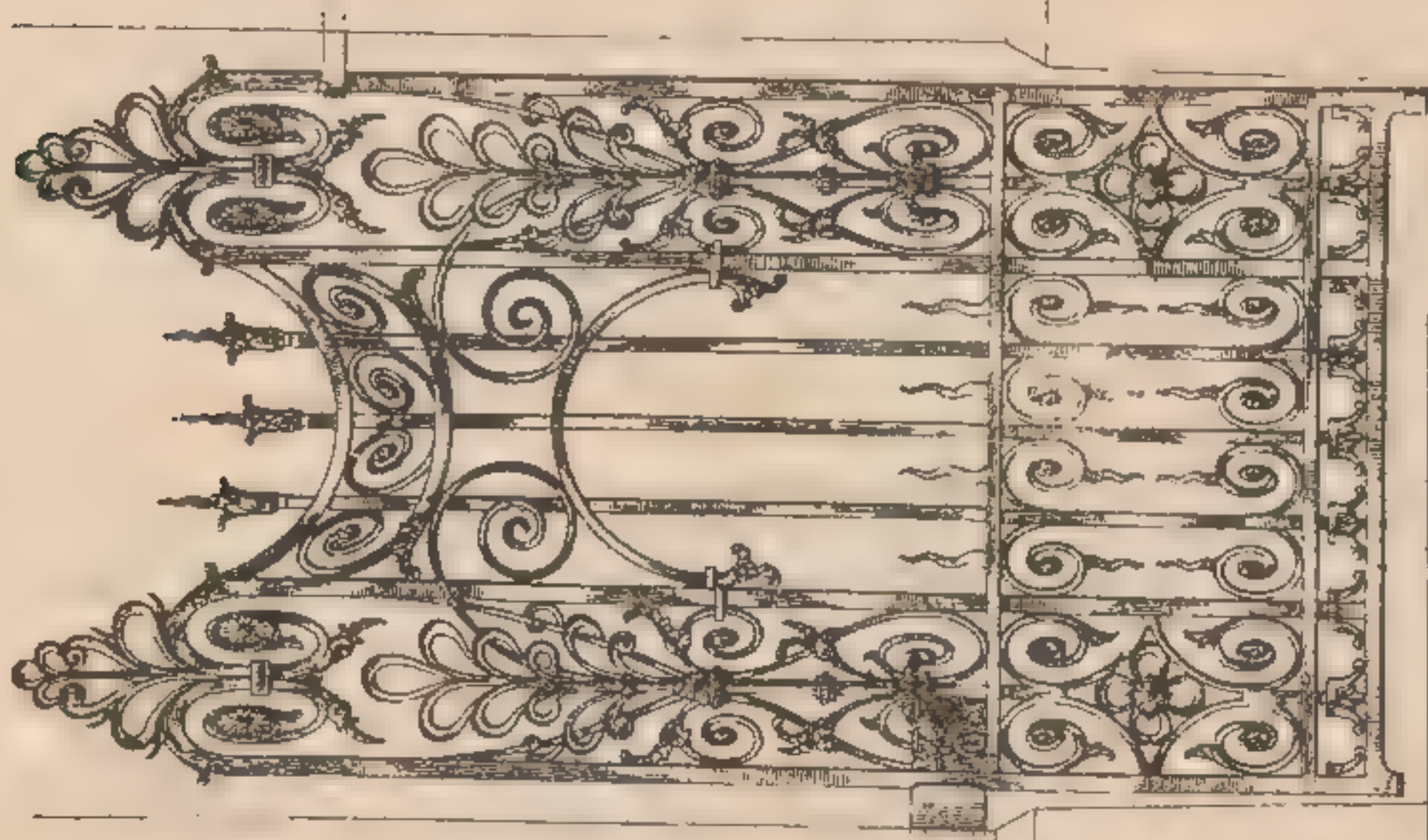
SCALE
 1" = 4 FEET

No 1127



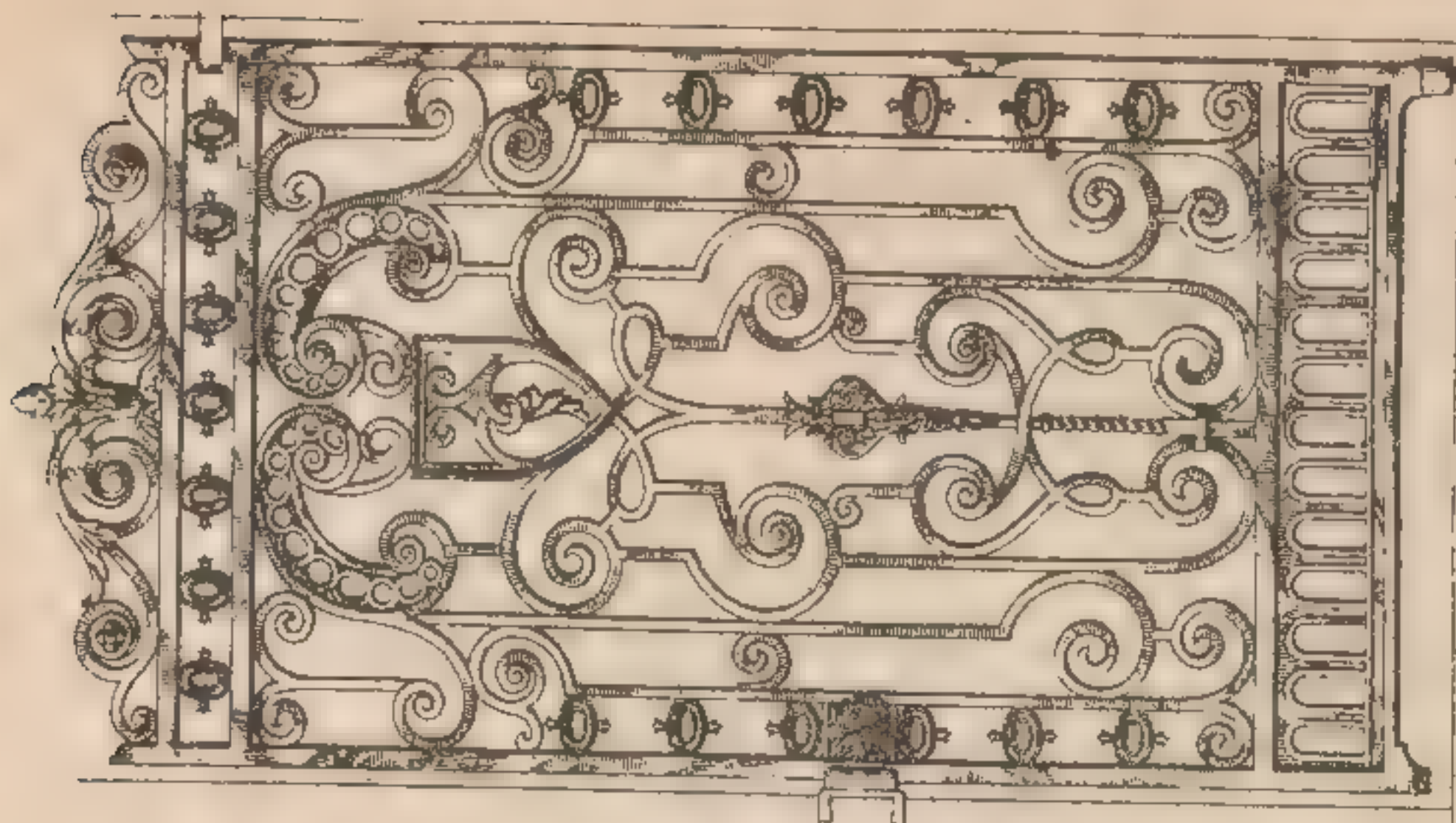
3' 10" —
DOUBLE LEAVED 11' 3" SEE PAGE 321

No 739

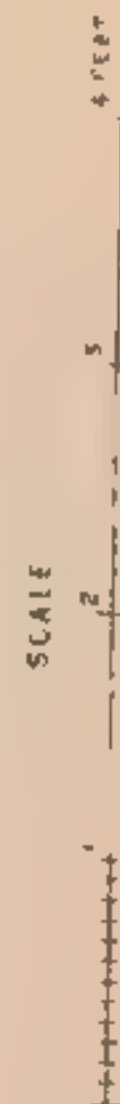


4' —
ALSO 7' 7 1/2" HIGH

No 461

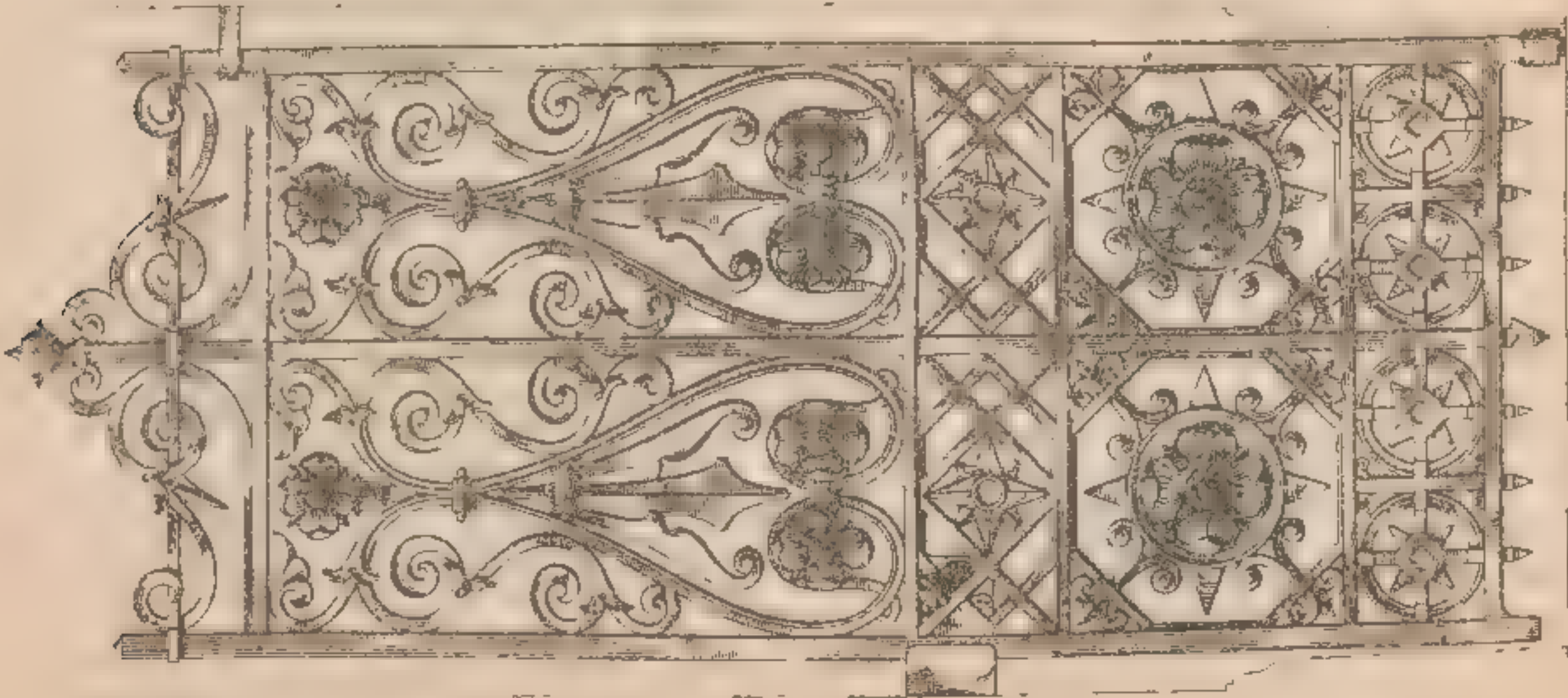


4' 0" —
DOUBLE LEAVED 11' 1" SEE PAGE 324



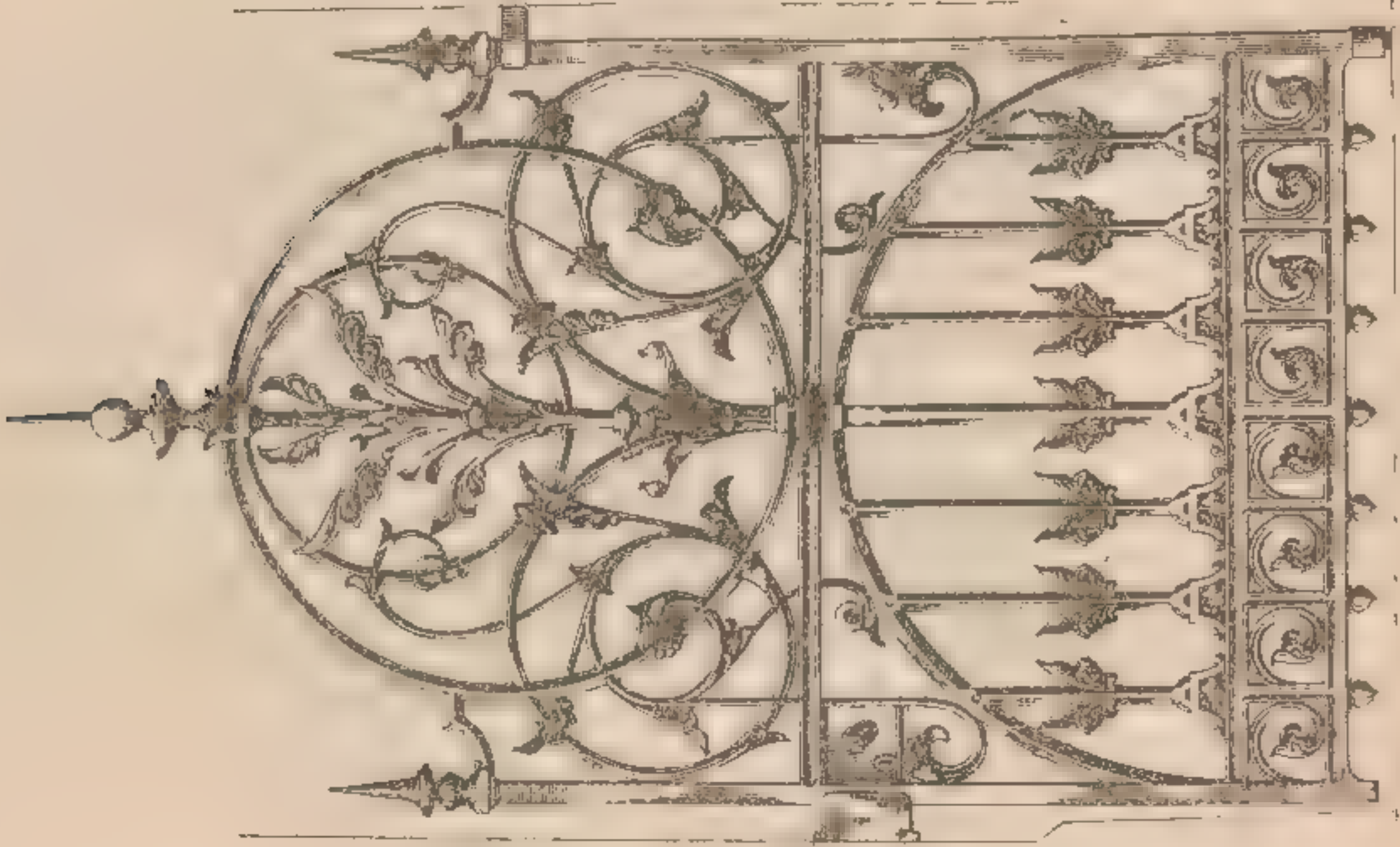
MACFARLANE'S CASTINGS — GATES

No 115.



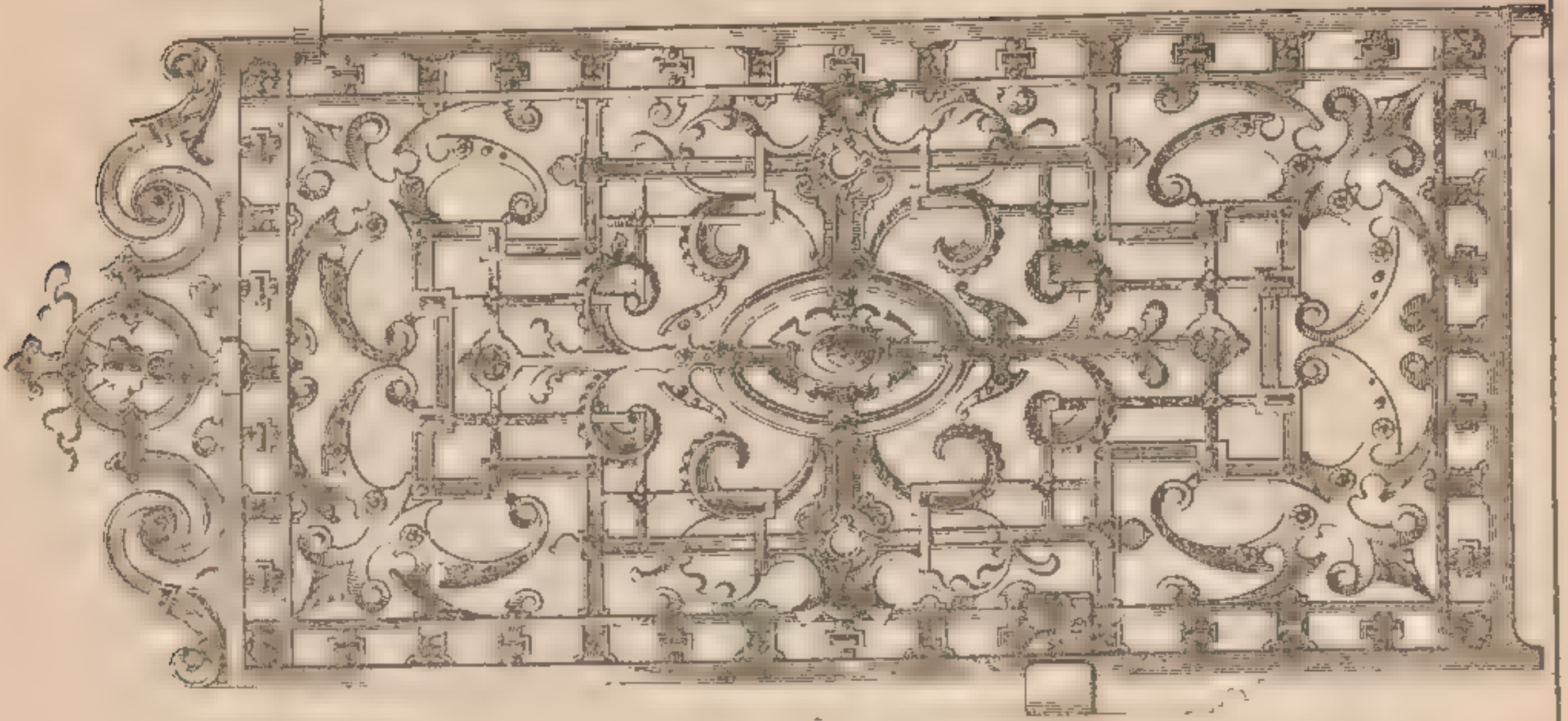
DOUBLE LEAVED 10' 7" SEE PAGE 322

No 189



DOUBLE LEAVED 9' 8" SEE PAGE 314

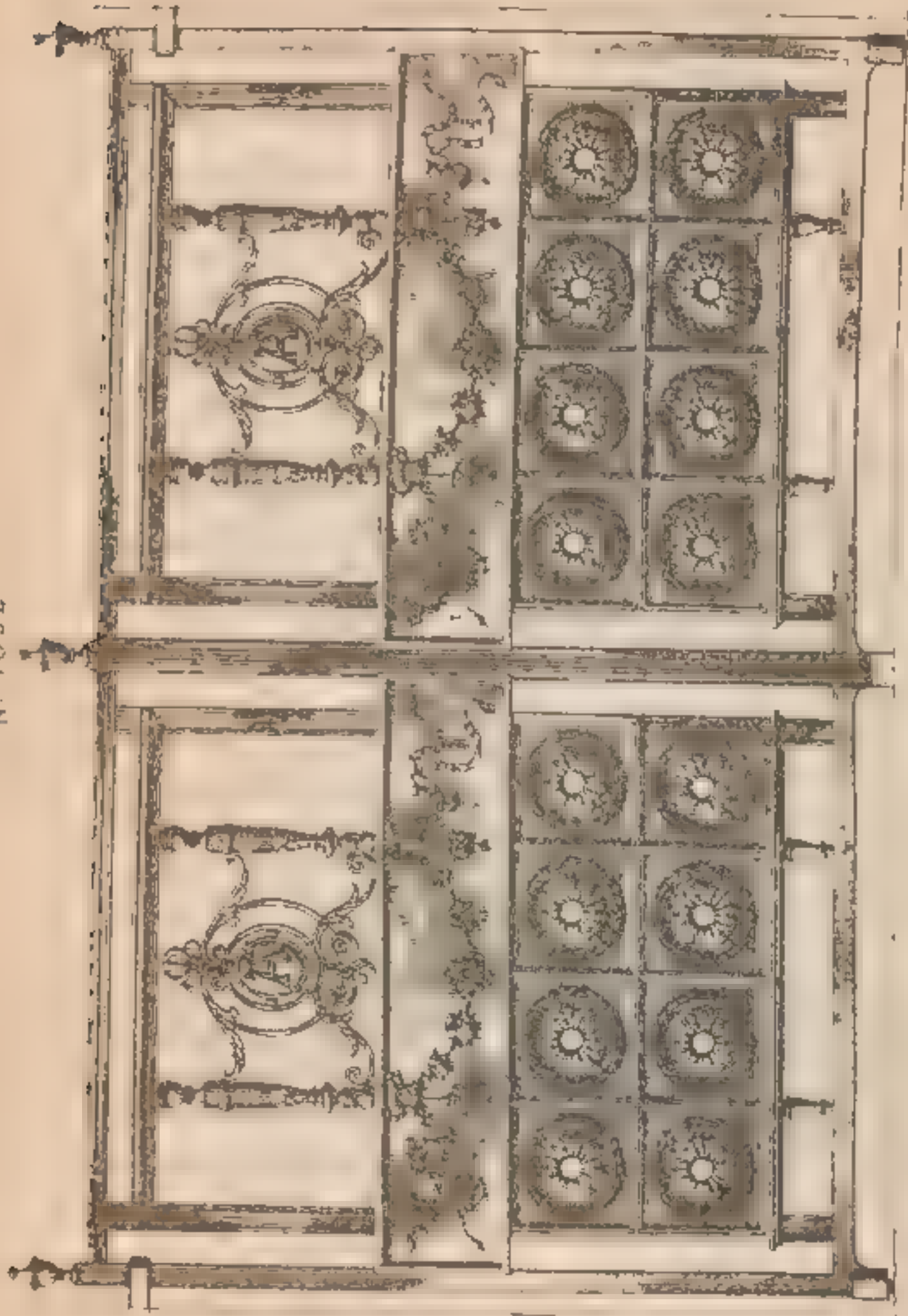
No 801



DOUBLE LEAVED 12' 1" AND 15' 0" SEE PAGES 326 AND 328

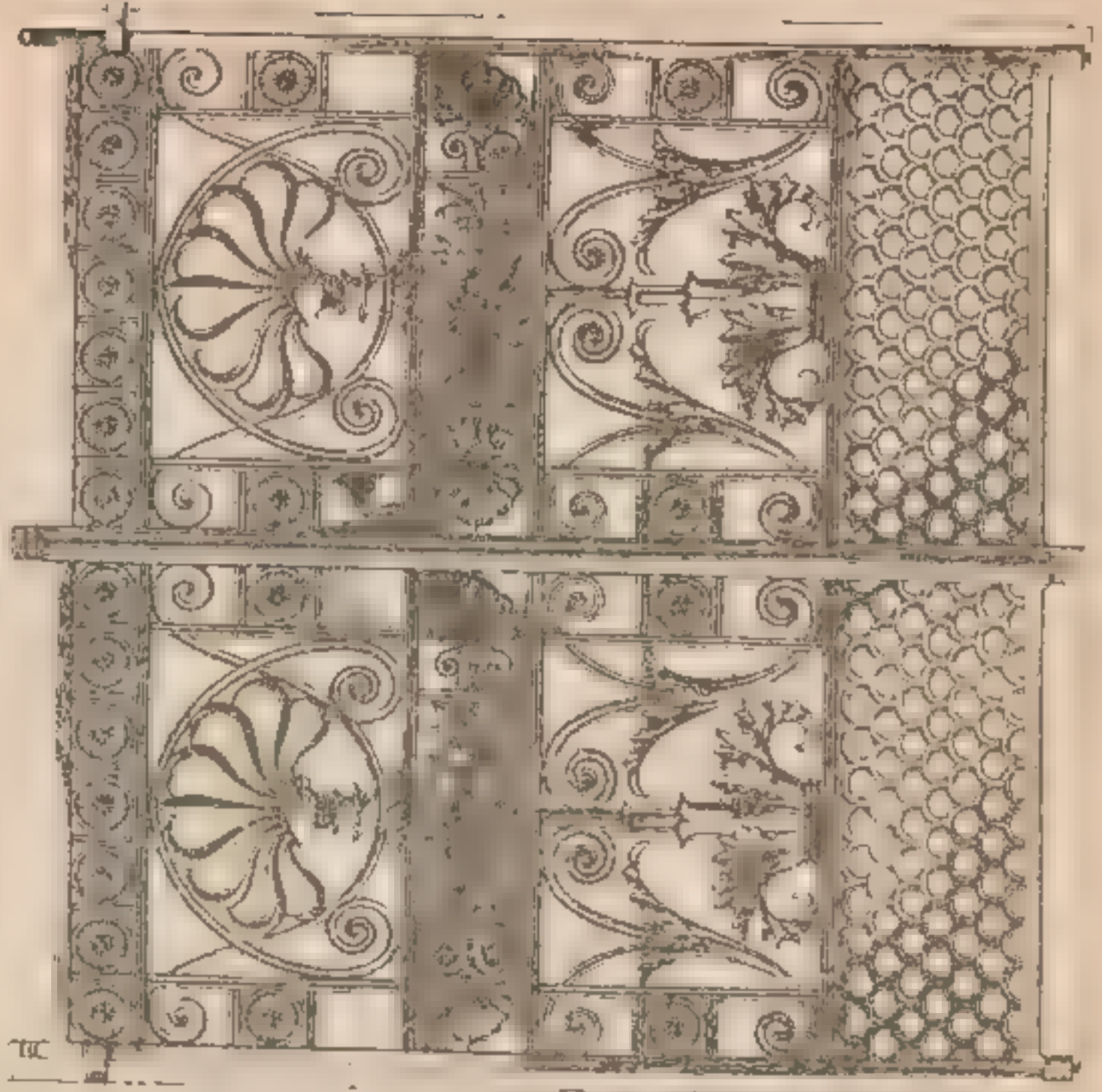
SCALE 1" = 1' 0" 2' 0" 3' 0" 4' 0" 5' 0" 6' 0" 7' 0" 8' 0" 9' 0" 10' 0" 11' 0" 12' 0" 13' 0" 14' 0" 15' 0"

Nº 1092



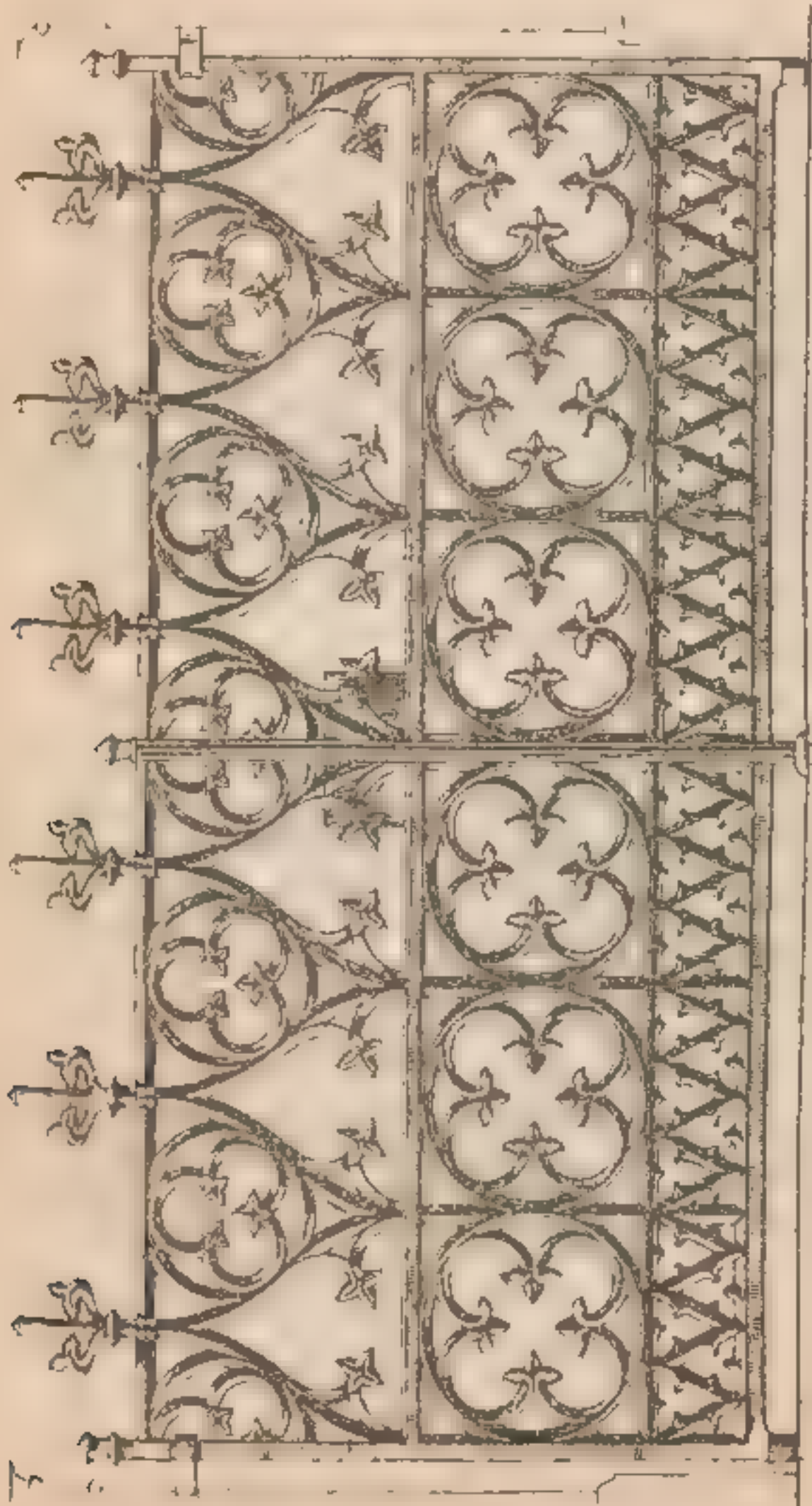
SINGLE LEAVED 4' 0"

Nº 957



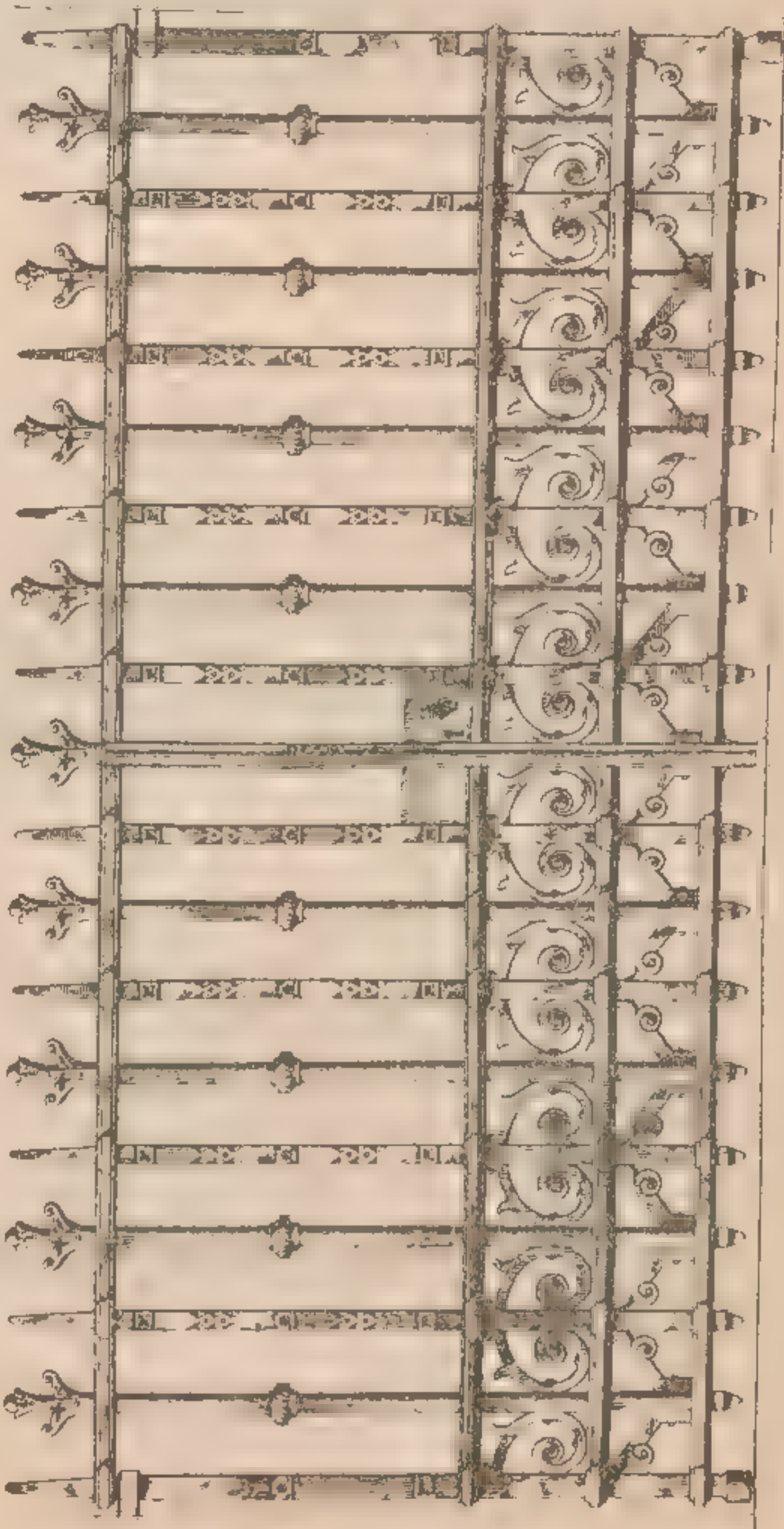
SINGLE LEAVED 2' 11"

Nº 80



6' 10" AND 8' 3"
SINGLE LEAVED 4' 2"

Nº 208



2' AND 10' 7"
SINGLE LEAVED 3' 9"

SCALE

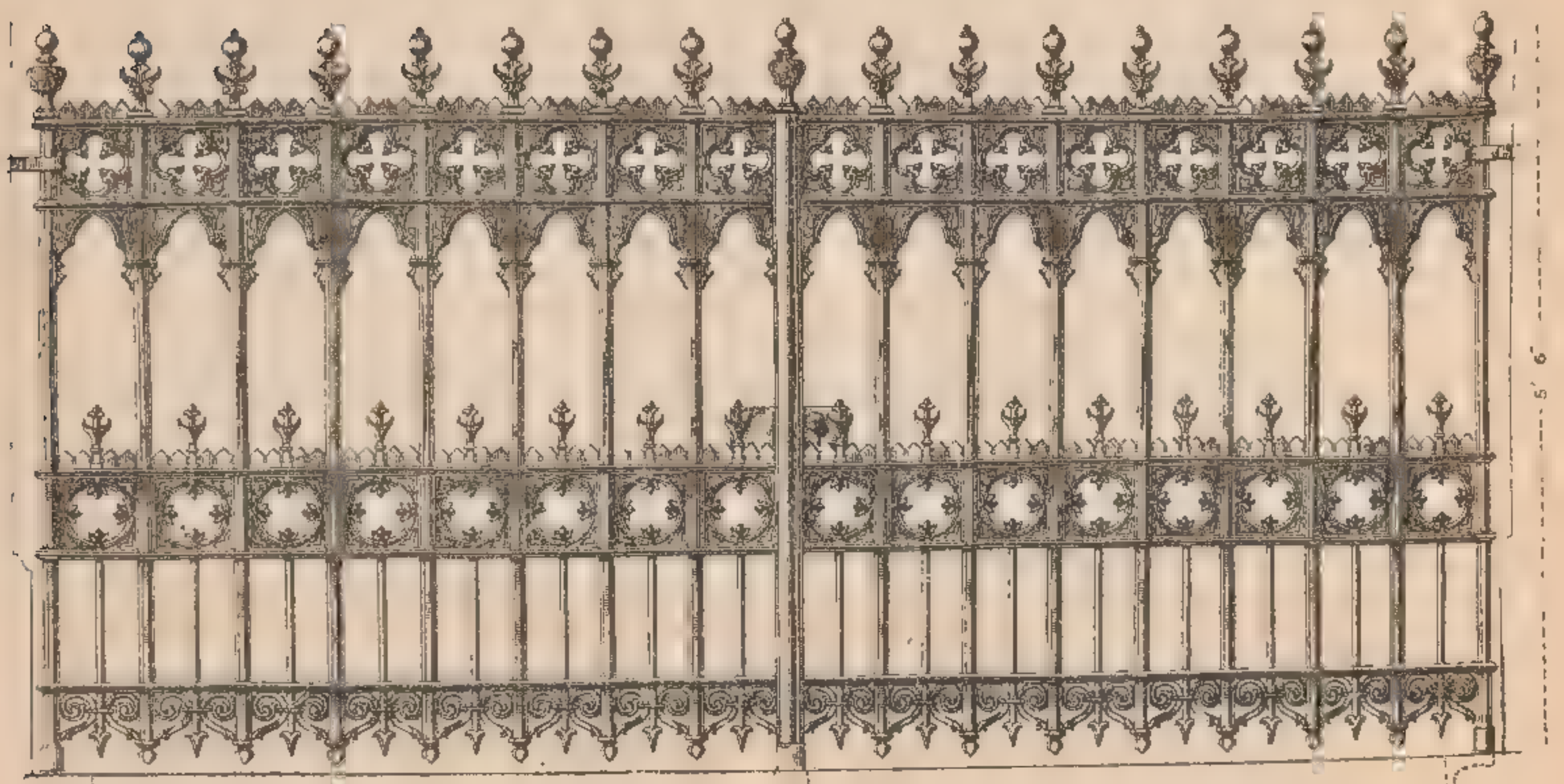
4 FEET

Nº 457



SINGLE LEAVED 3' 5"

Nº 1097



7' 1", 8' 5" 9' 9" AND 11' 1"
SINGLE LEAVED 3' 7"

SCALE

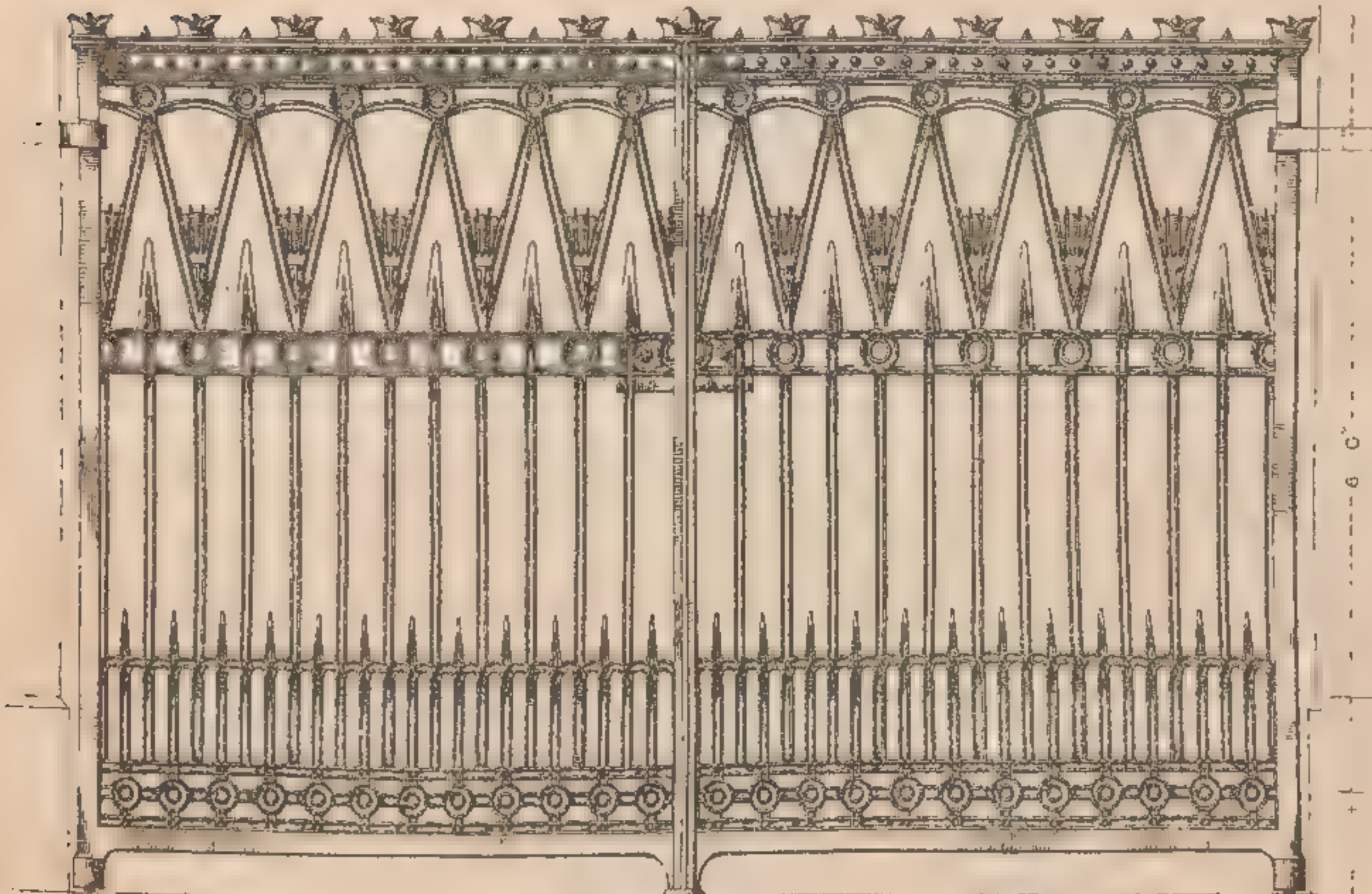


Nº 211



SINGLE LEAVED 3' 4" AND 4' 4"

Nº 126



9' 2" AND 10' 8"
SINGLE LEAVED 4' 7"

SCALE



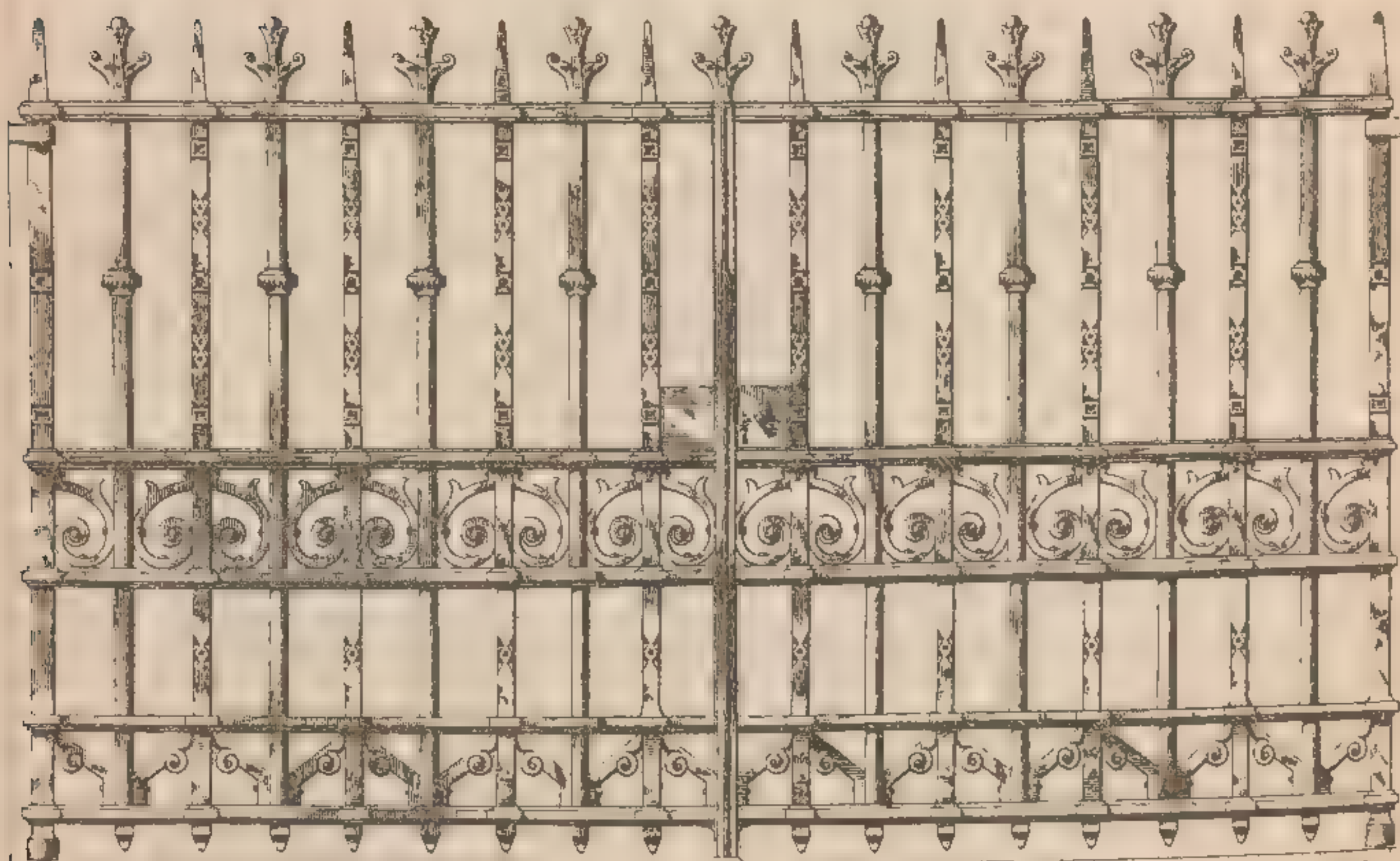
N° 809



9' 1" AND 10' 6"

SINGLE LEAVED 3' 1" AND 4' 7"

N° 208



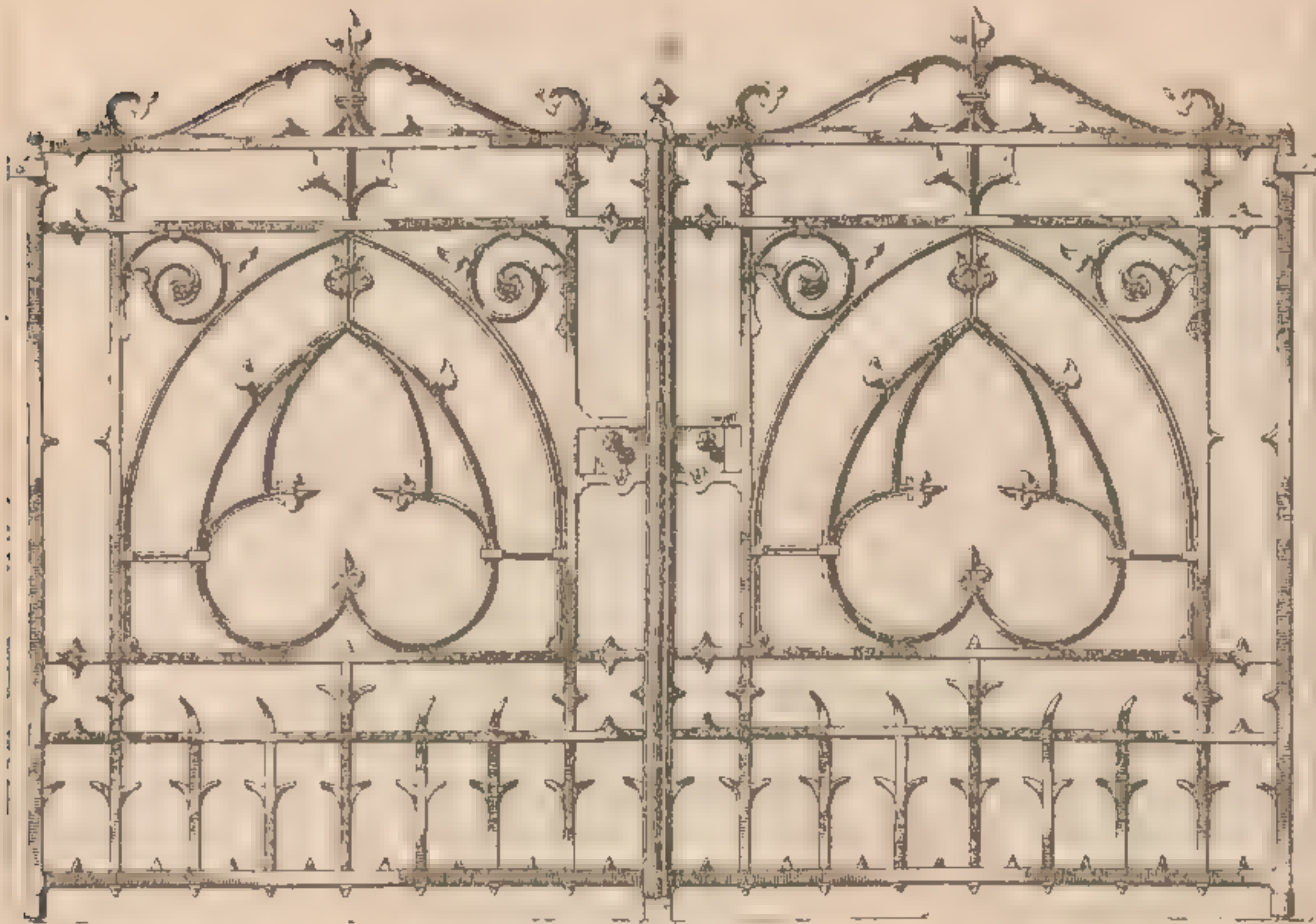
7' 2" AND 10' 7"

SINGLE LEAVED 3' 9"

SCALE

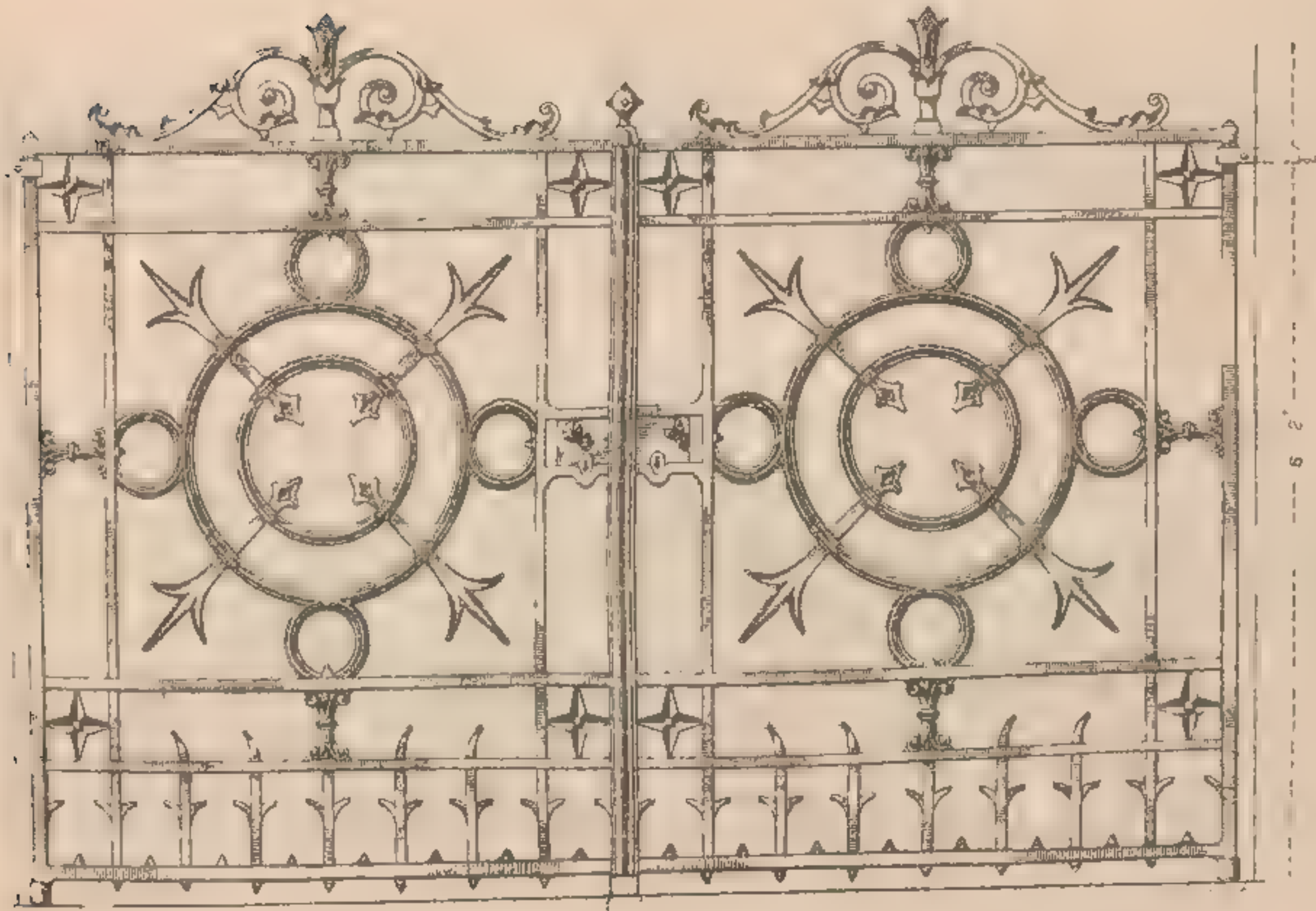
1 2 3 4 FEET

Nº 743



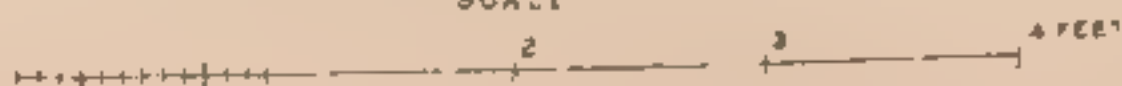
9' 0"
SINGLE LEAVED 4' 6"

Nº 741

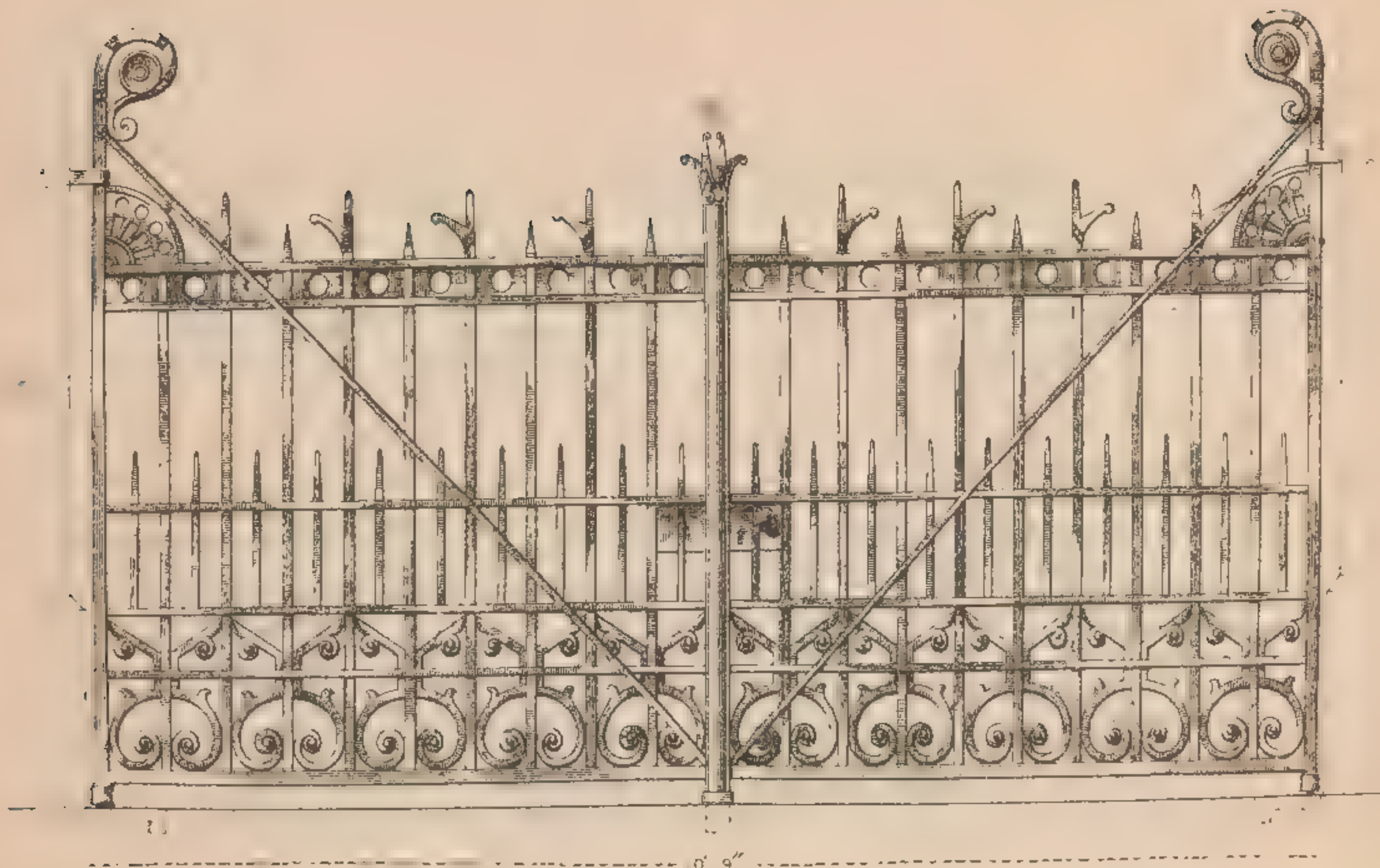


9' 0"
SINGLE LEAVED 4' 6"

SCALE



Nº 1135



SINGLE LEAVED 3 4' SEE PAGE 296

Nº 457

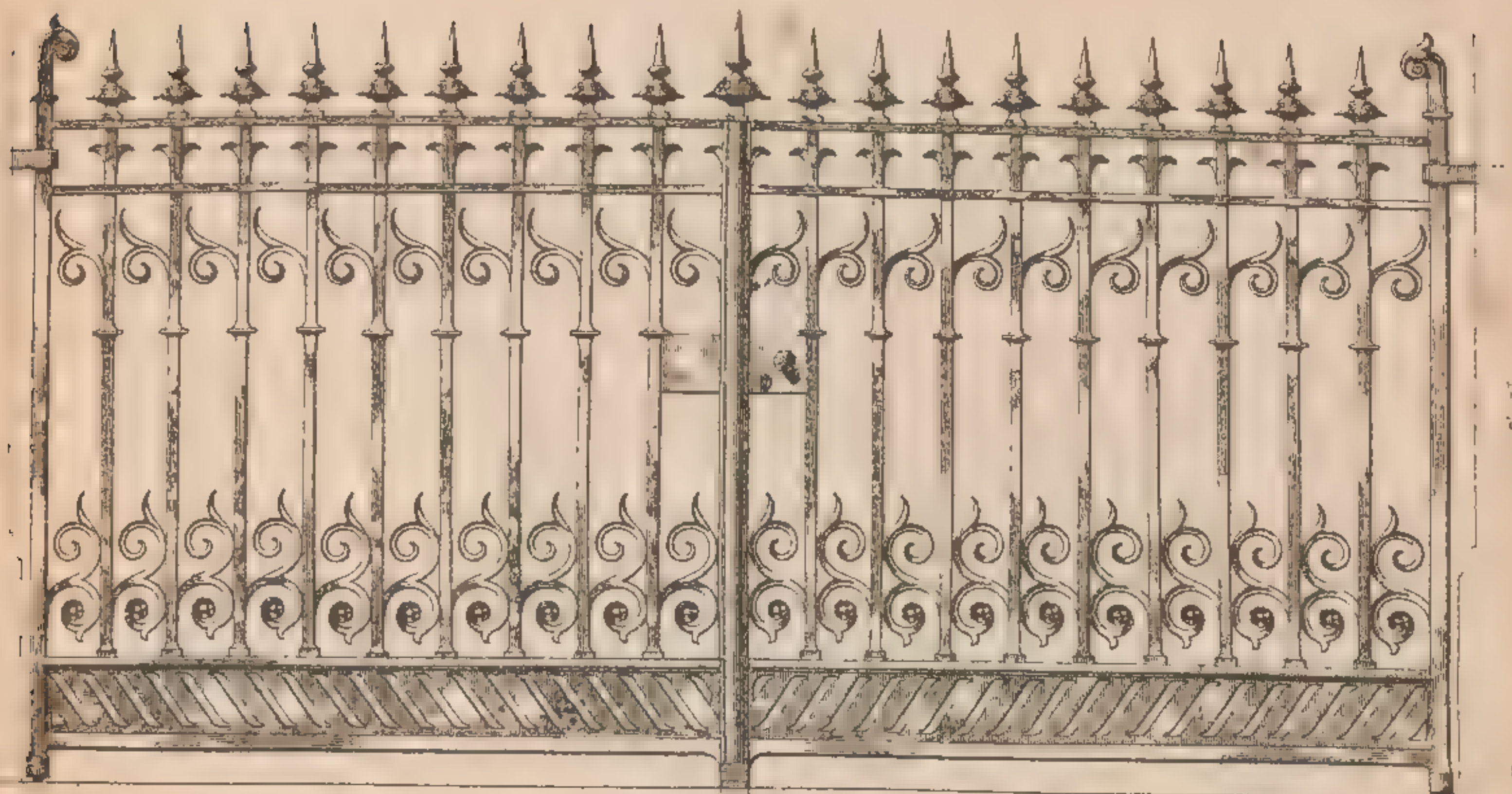


SINGLE LEAVED 3 6" x 5 10" HIGH

SCALE

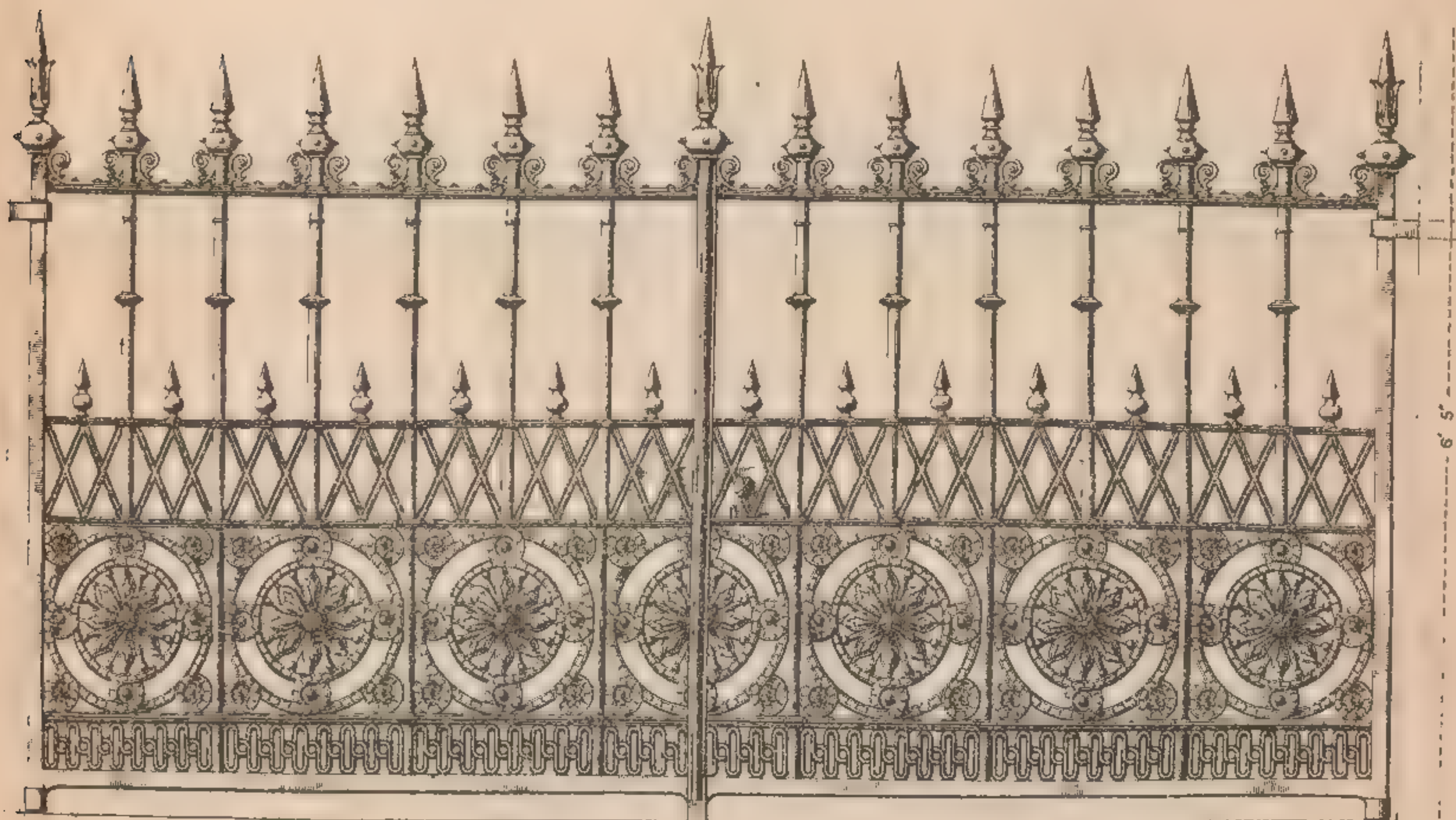


Nº 1013



9' 3" 10' 4" AND 11' 5"
SINGLE LEAVED 4' 8"

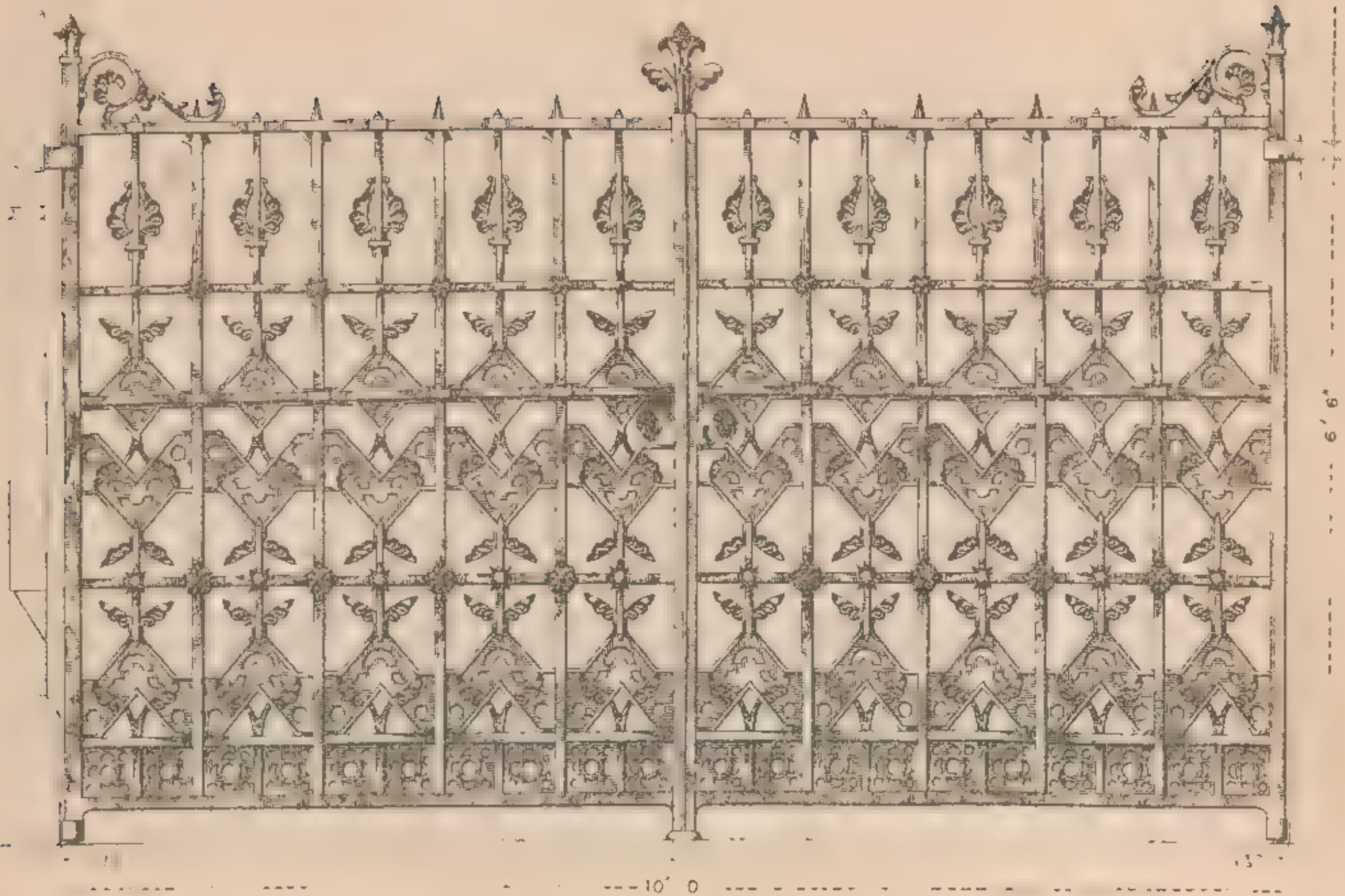
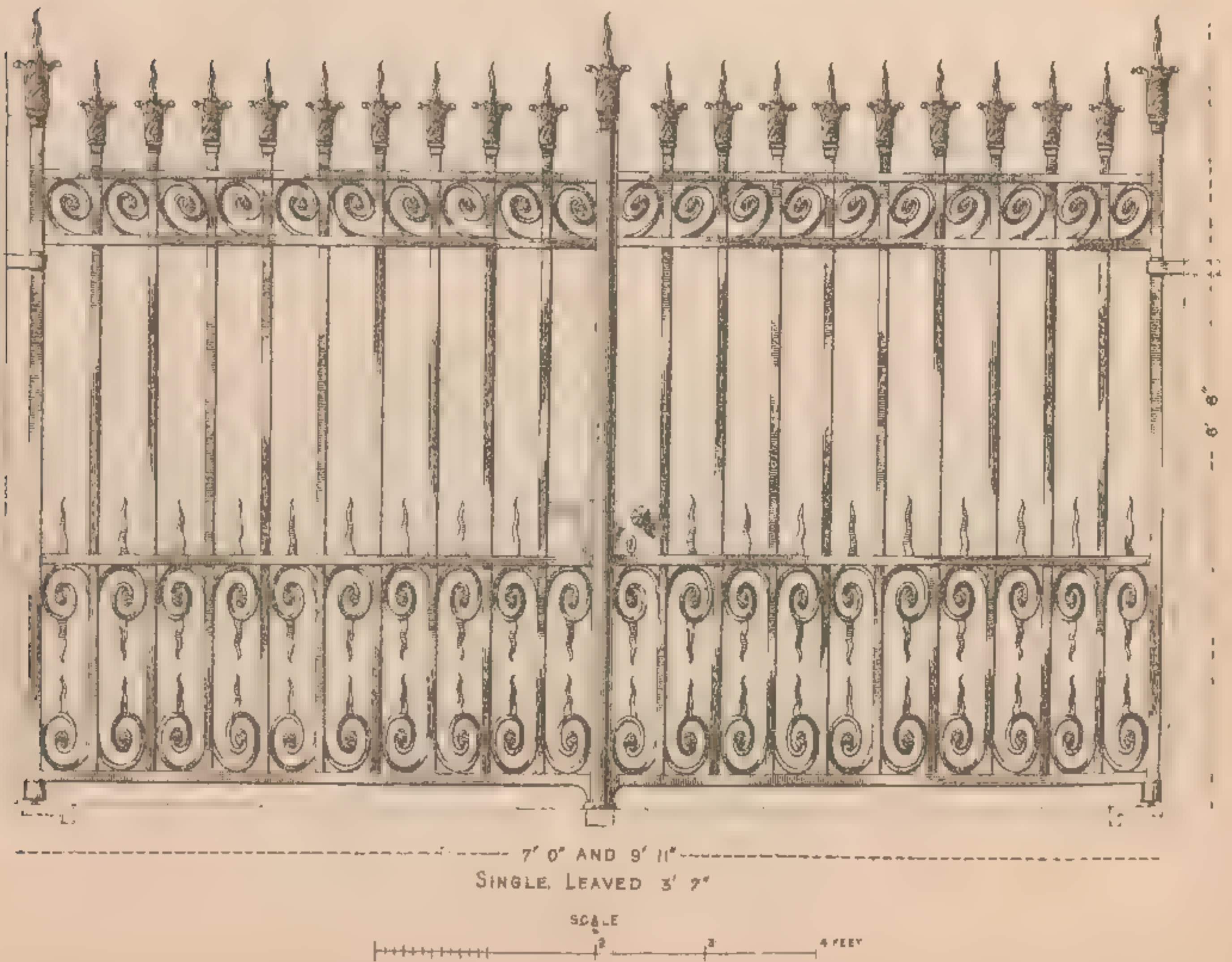
Nº 464



10' 0" AND 11' 6"
SINGLE LEAVED 3' 6" AND 5' 0"

SCALE



N^o 758N^o 1023

Nº 973



8' 10" AND 0' 6"

SINGLE LEAVED 3' 7½" AND 4' 5½" SEE PAGE 298

Nº 457



10' 0"

SINGLE LEAVED 3' 5" AND 5' 0"

SCALE



Nº 739



8' 0"
SINGLE LEAVED 4' SEE PAGE 299

Nº 457



11' 7"
SINGLE LEAVED 3' 5" AND 5' 0" X 6' 10 1/2" HIGH

SCALE





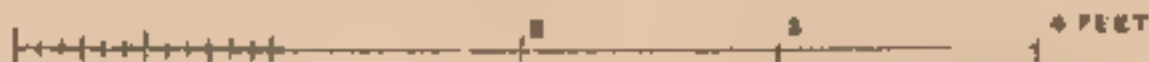
7' 0" AND 10' 2"
SINGLE LEAVED 3' 7" AND 5' 2"

Nº 874



10' 2" AND 12' 2"
SINGLE LEAVED 4' 2" AND 5' 2"

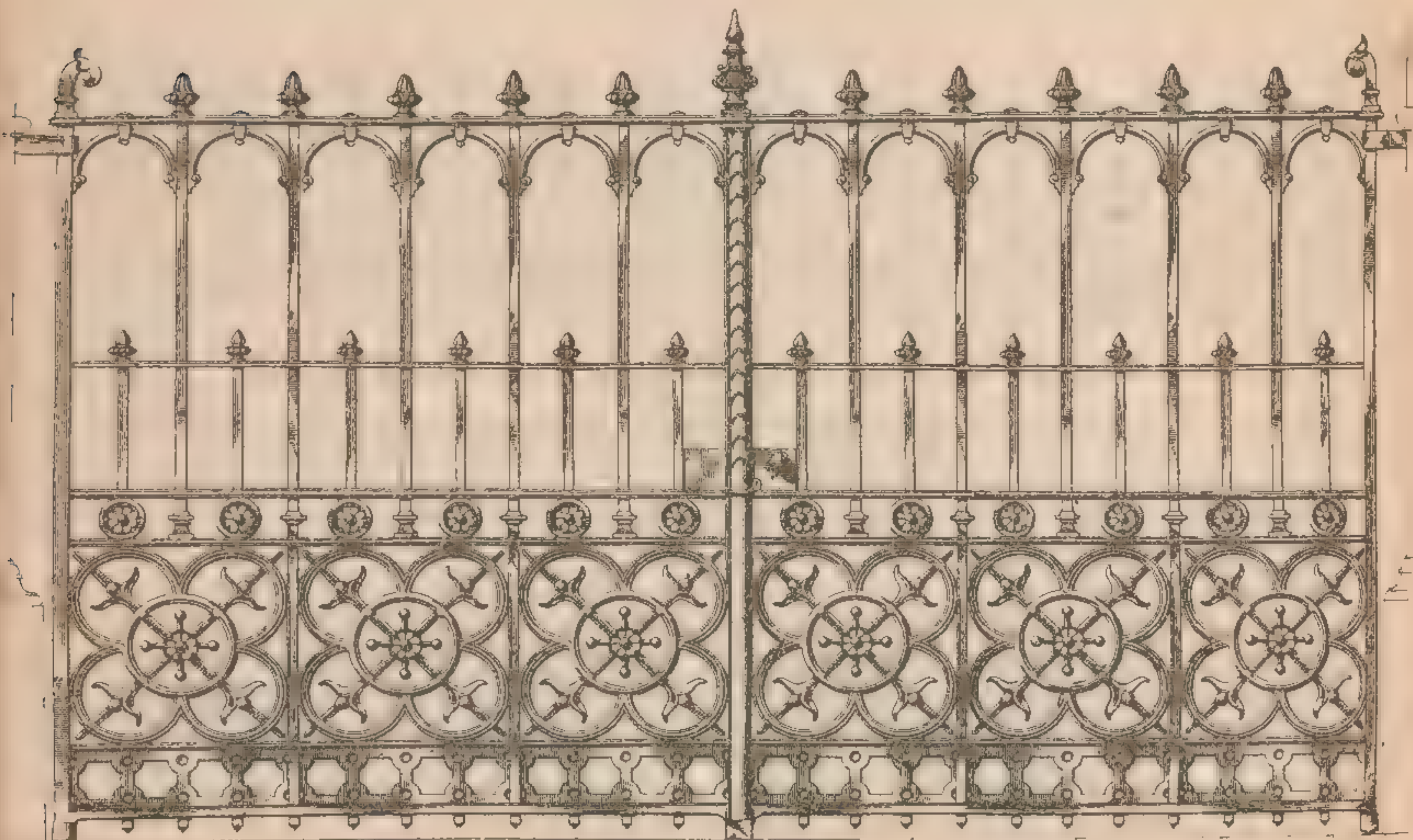
SCALE





SINGLE LEAVED 4' 0"

Nº 809



0' 2" AND 2' 6" HIGH
SINGLE LEAVED 4' 2" x 7' 6" HIGH

SCALE



Nº 739



9' 0" 0' 0", 1' 0", 12' 0" AND 13' 0"
SINGLE LEAVED 4' 1" SEE PAGE 299

Nº 82



6' 11" AND 10' 1"
SINGLE LEAVED 3' 6" AND 5' 1"

SCALE

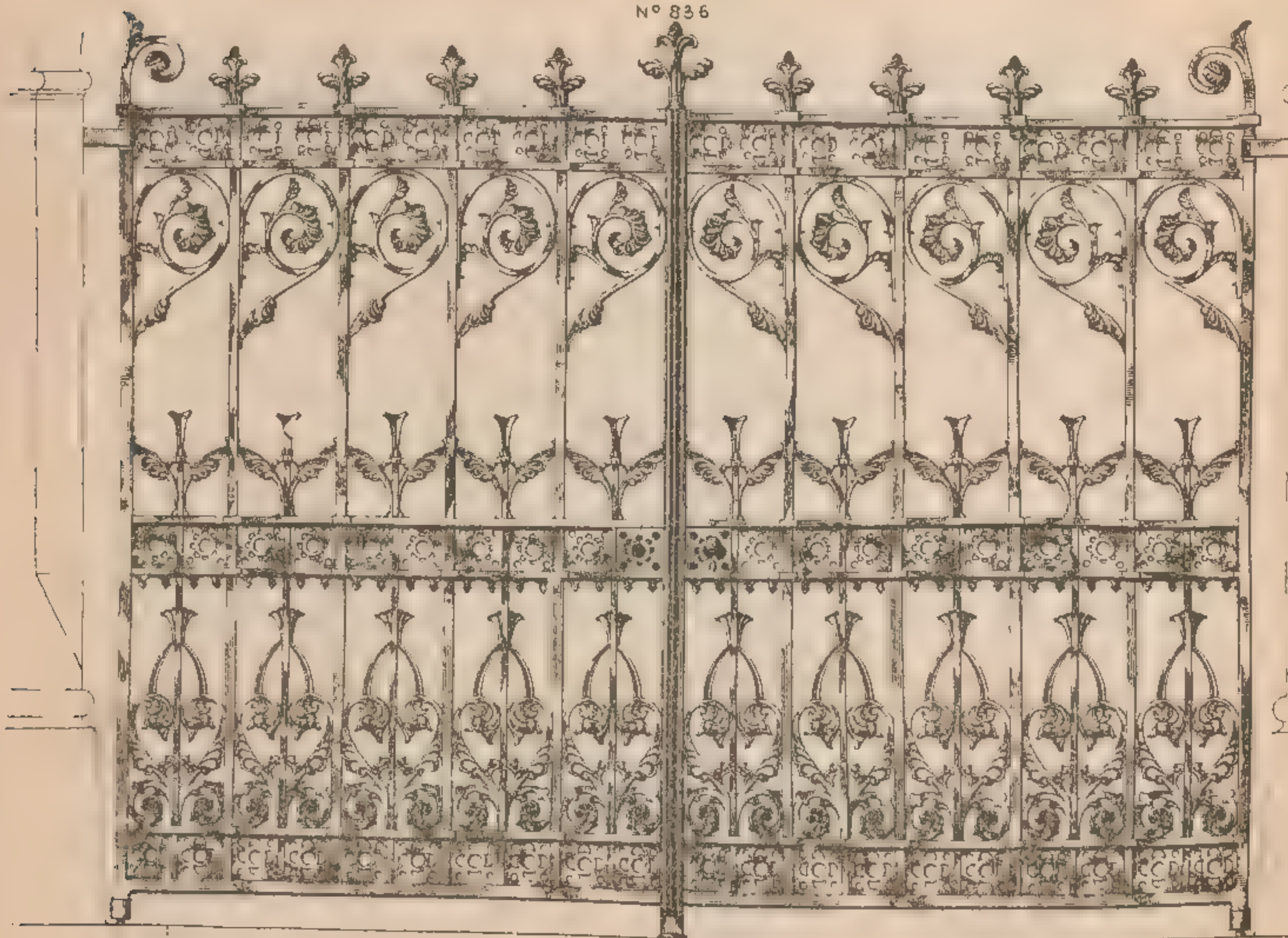




9' 8"

SINGLE LEAVED 4' 10" SEE PAGE 300

Nº 836



0' 2" AND 2' 2"

SINGLE LEAVED 5'

SCALE



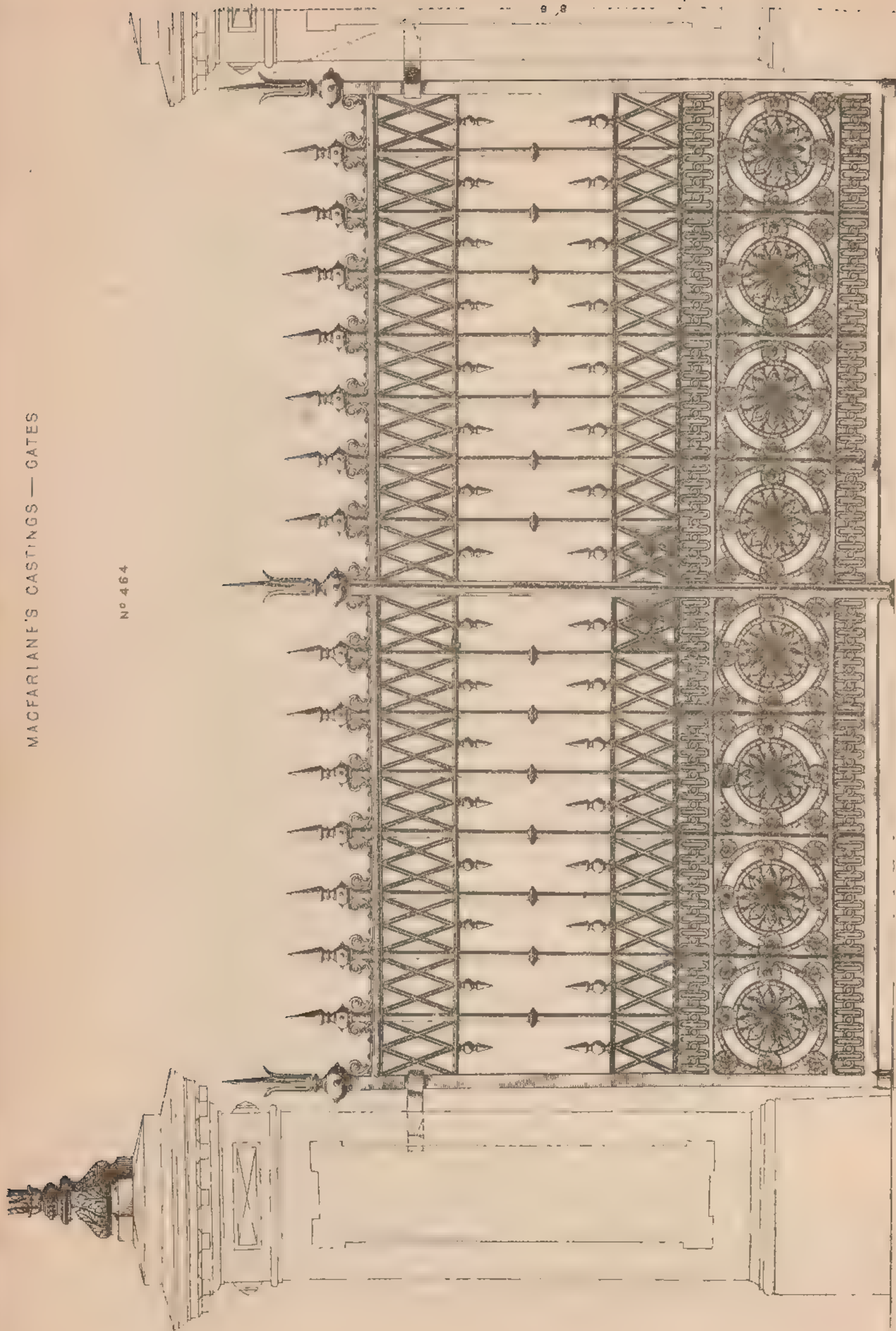
2

3

4 FEET

MACFARLANE'S CASTINGS — GATES

No 464



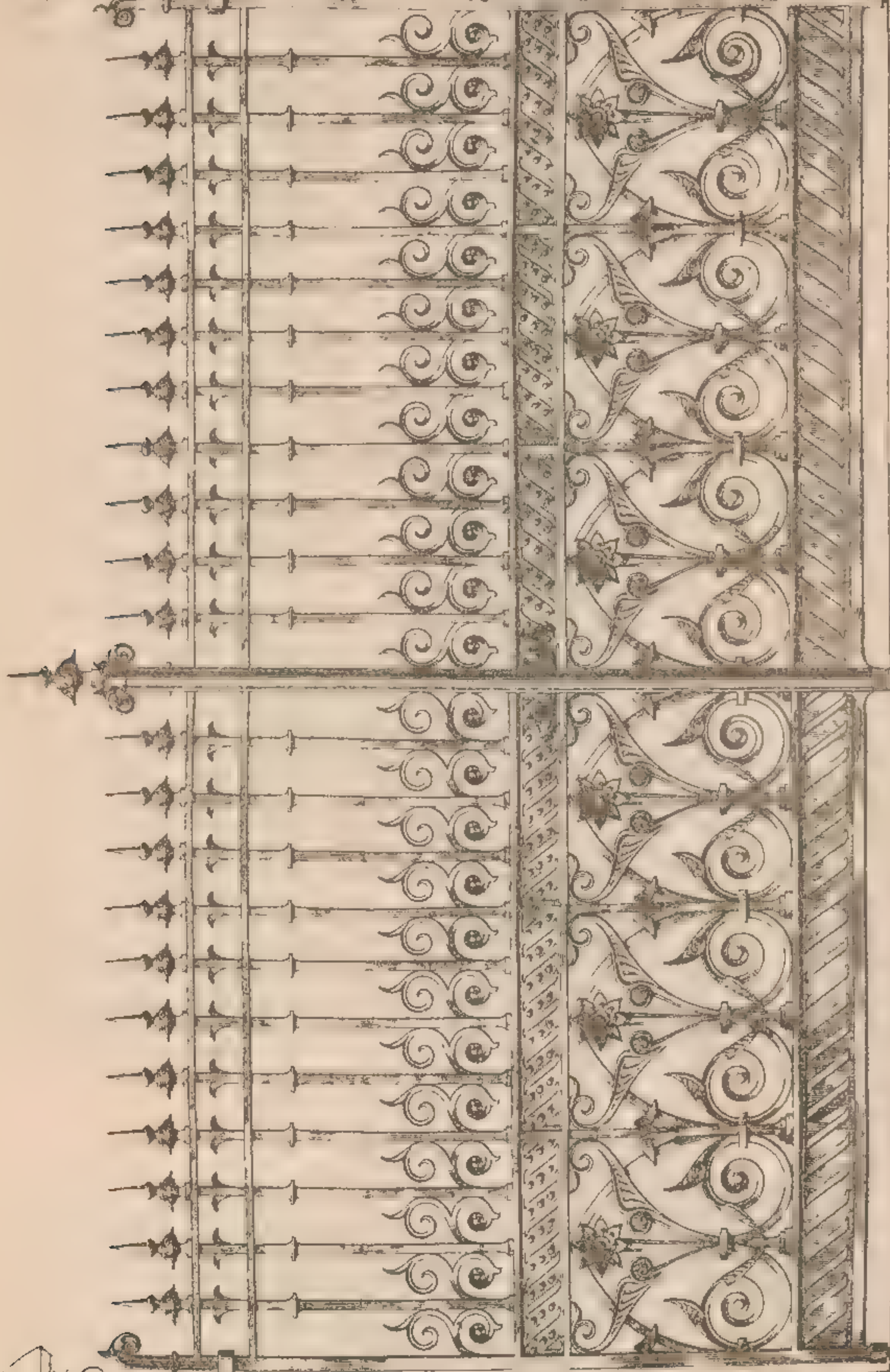
6' 7" ANCH 2 1/2"

SINGLE LEAF 5' 0"

SCALE

1" = 4 FEET

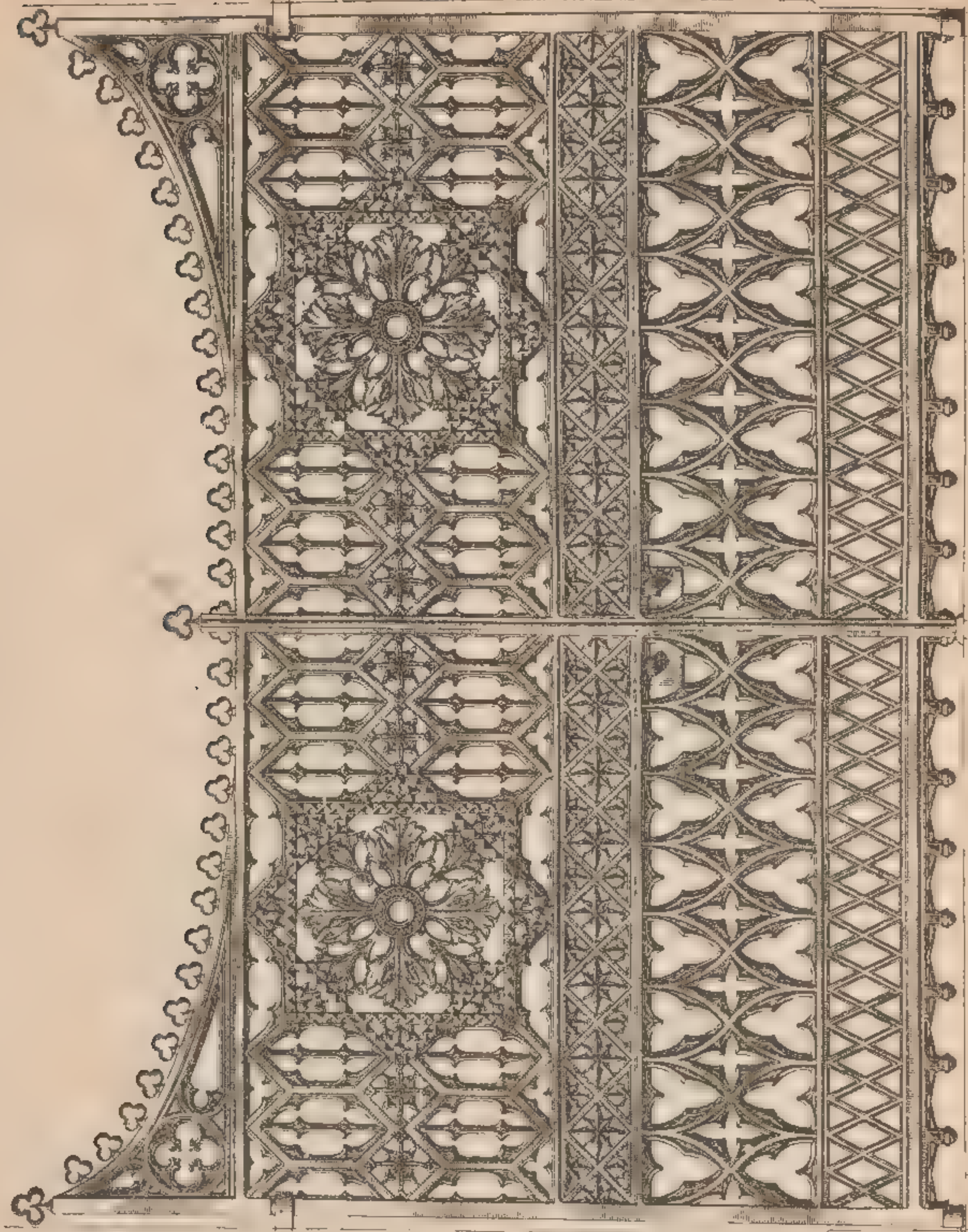
Nº 013



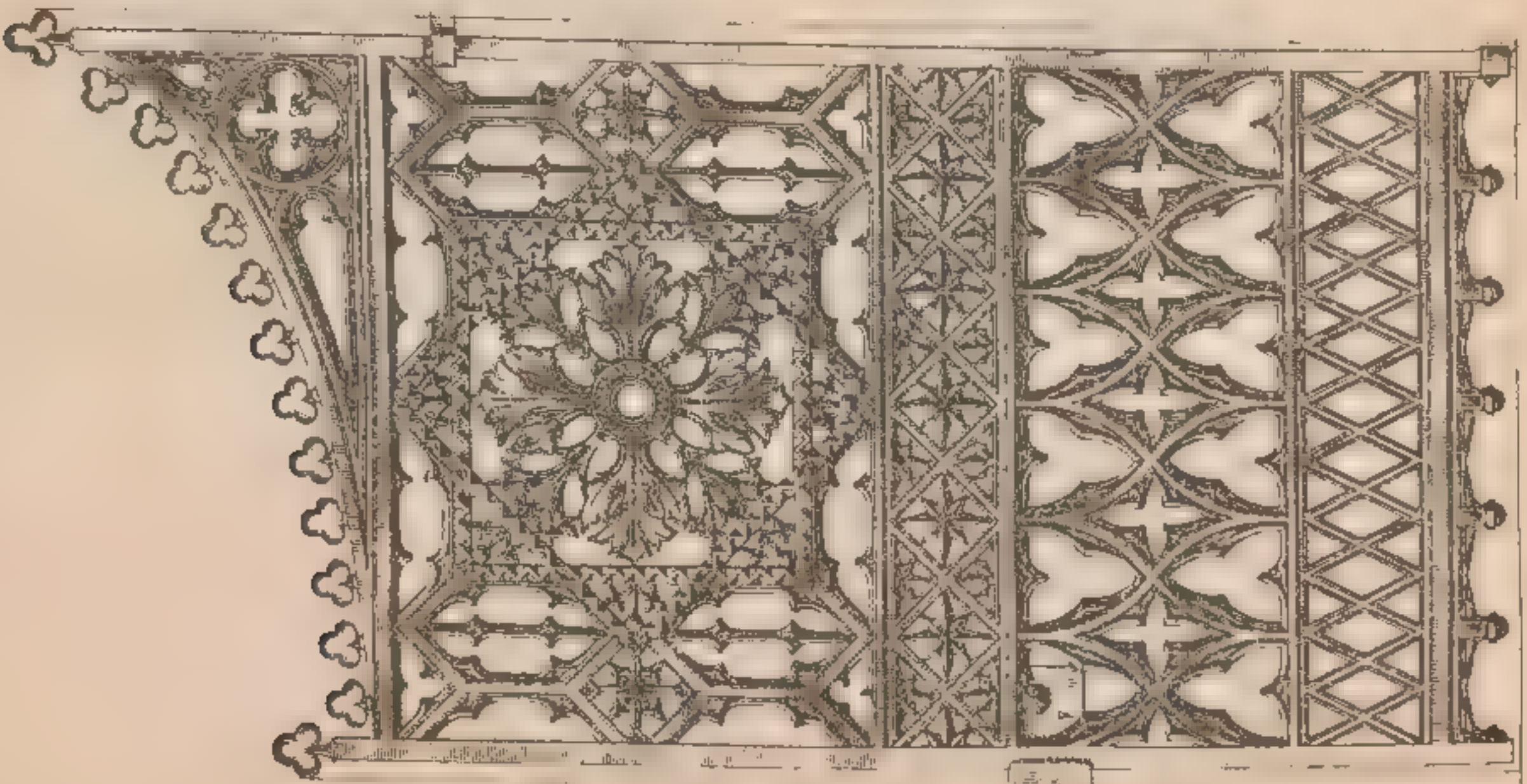
9' 3", 11' 7" AND 13' 8"
SINGLE LEAVED 4' 8", 8' 7" CH

PLATE 2 3 4 FEET

Nº 85



Nº 85



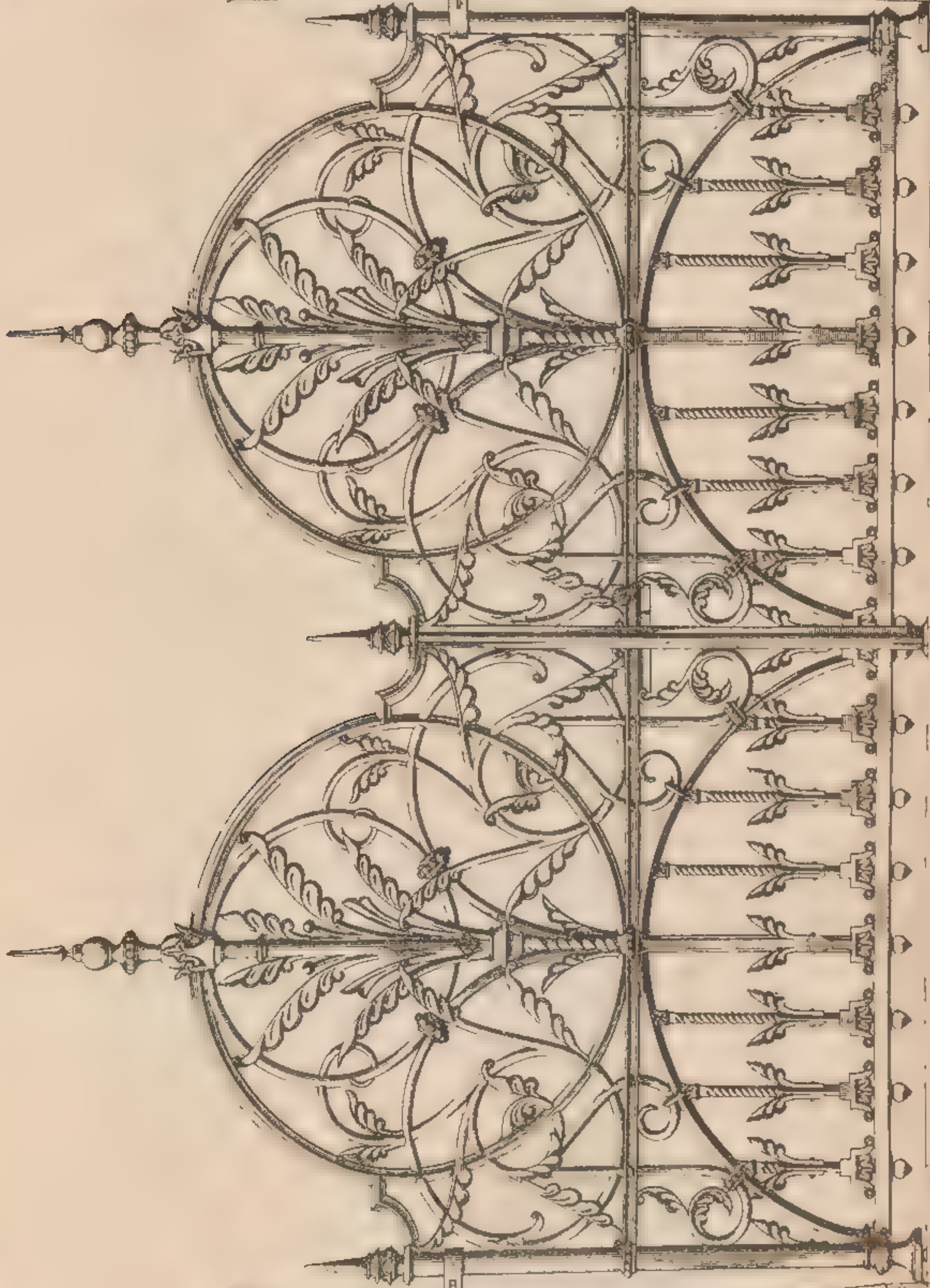
SCALE
2
4 FEET

8'

4 7'

MACFARLANE'S CASTINGS - GATES

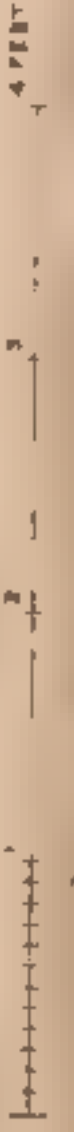
No 189



SINGLE LEAVED 6' 5"

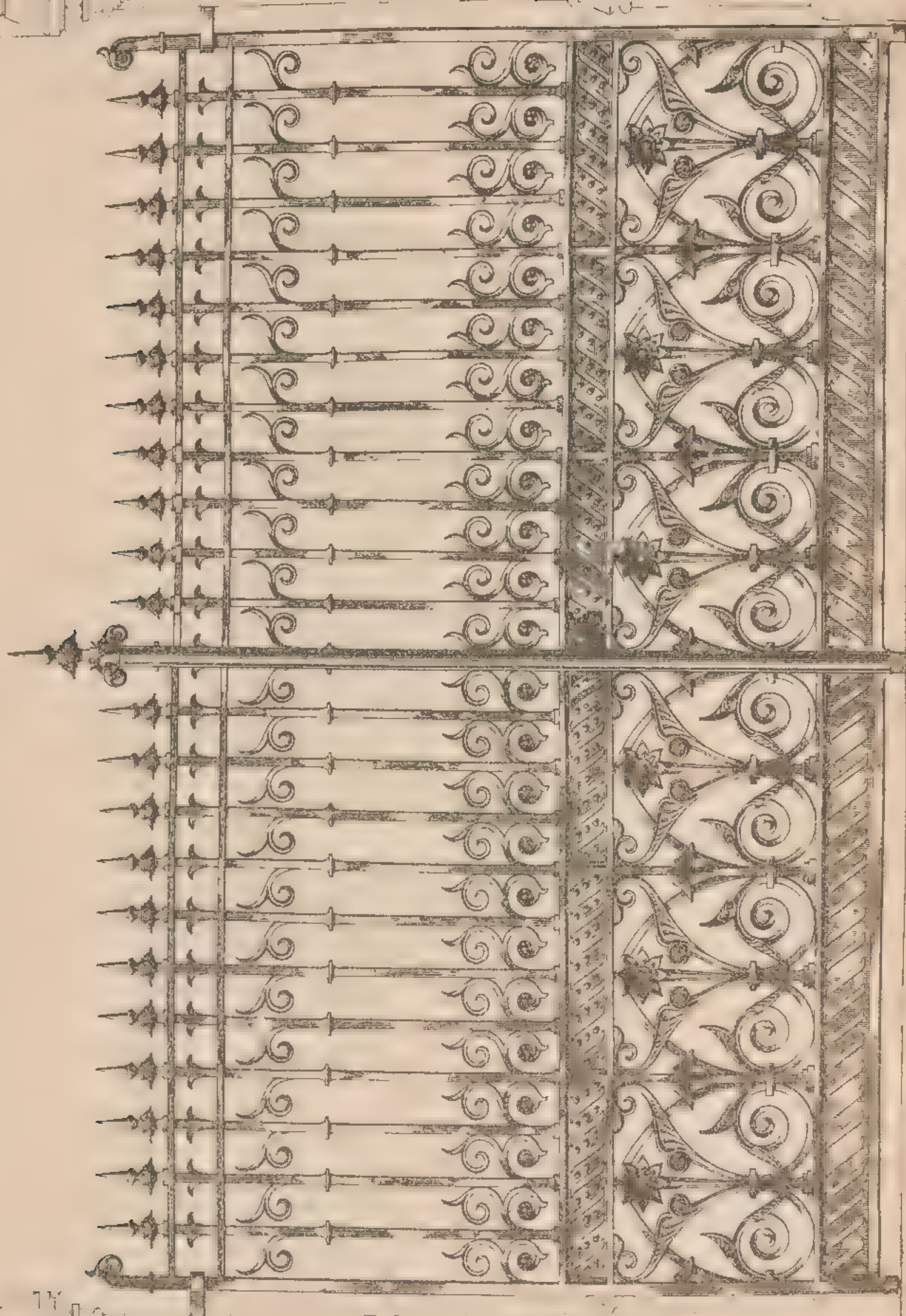
Gate Standards priced separately For other designs see pages 334 to 339.

SCALE



MACFARLANE'S CASTINGS — GATES

No 013



9 3 7" AND 13 8"
SINGLE LEAVED 4 8' X 9 9" HIGH

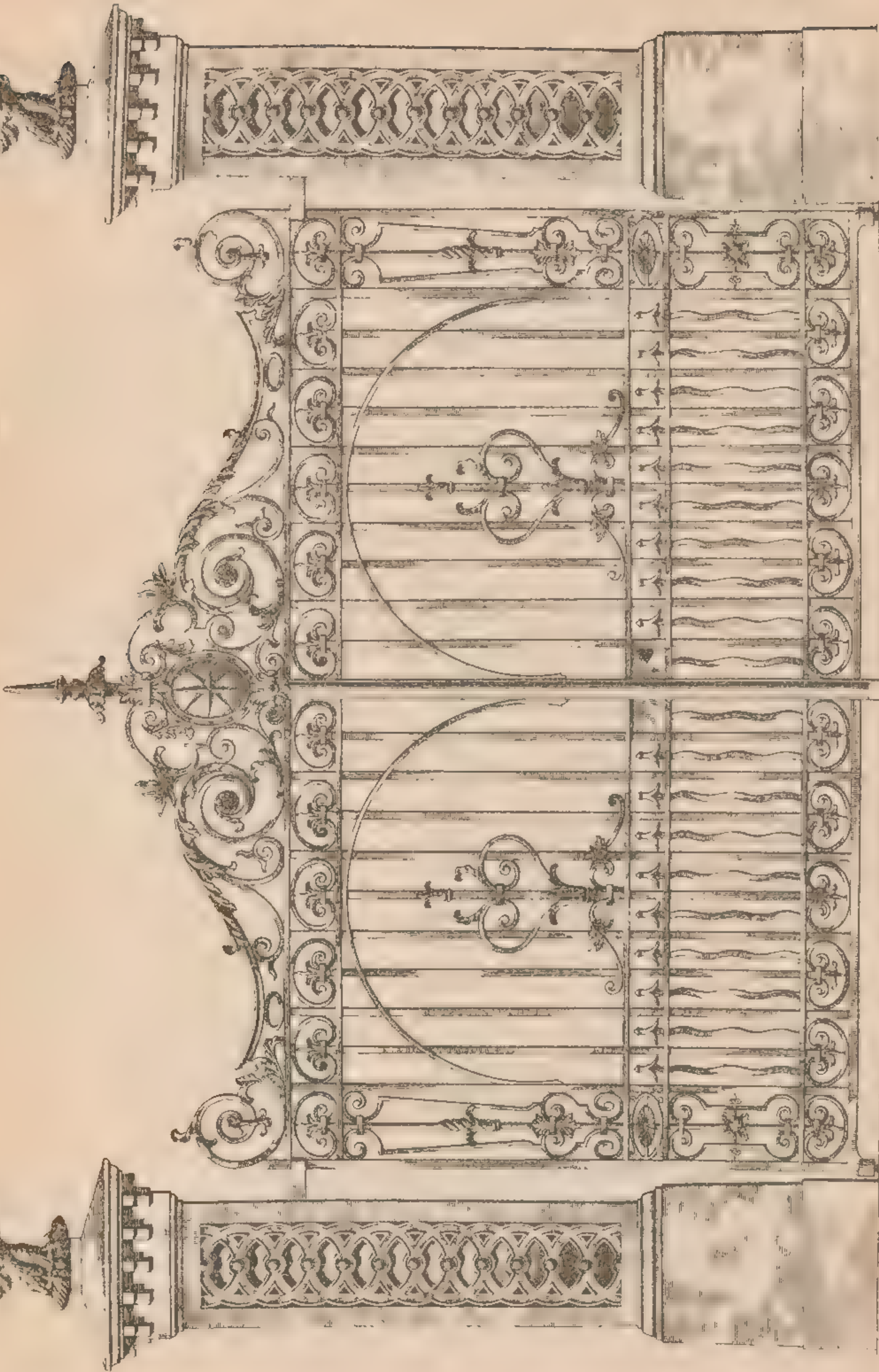
SCALE

3

4 FEET

MACFARLANE'S CAST IRON GATES

No 1127



SINGLE LEAVED 3 SEE PAGE 299
 Gate Standards priced separately for other designs see pages 334 to 339
 SCALE
 1" = 4 FEET

MACFARLANE'S CASTINGS — GATES

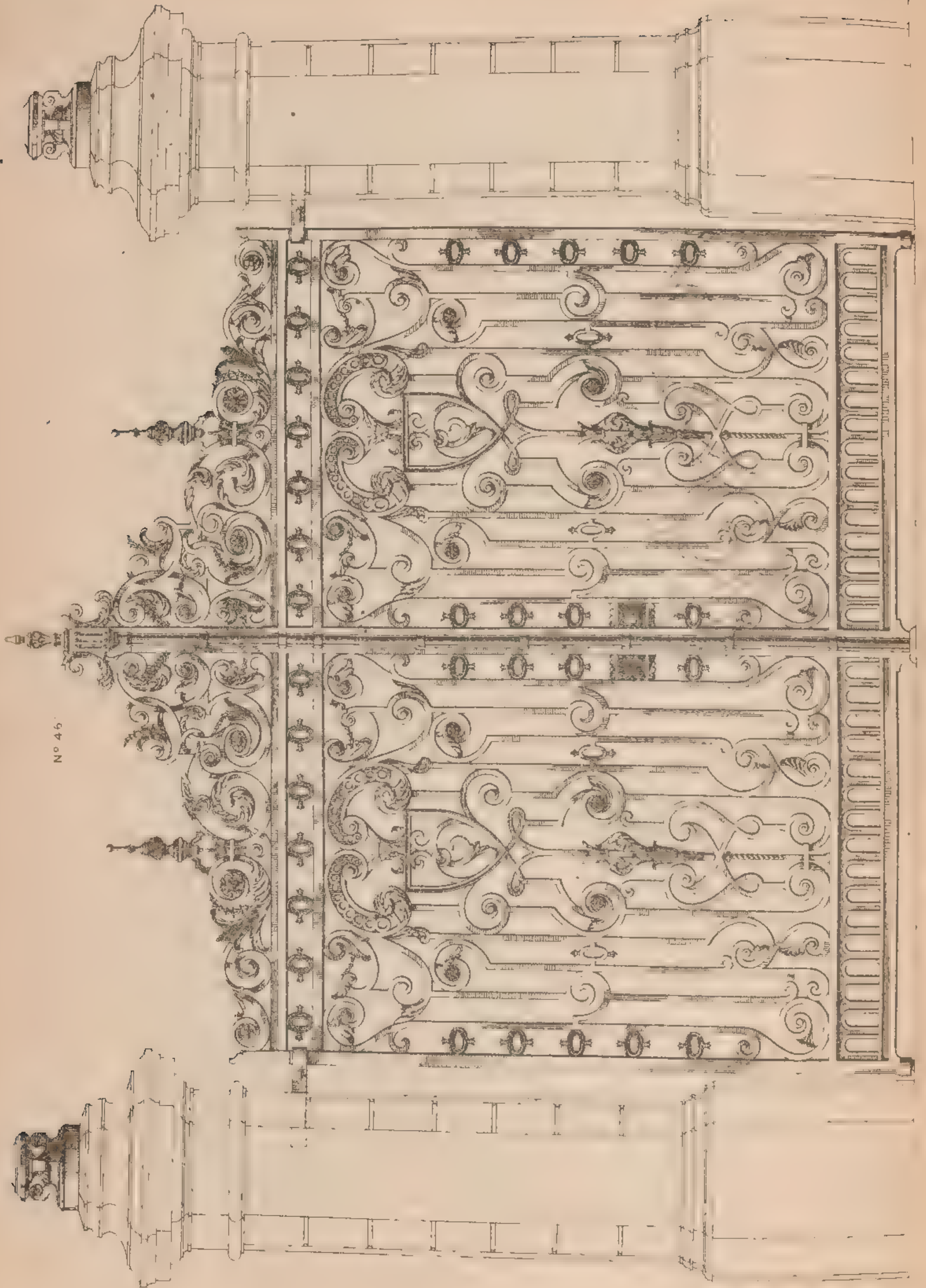
No 1151



--- 10' 7" ---
 SINGLE LEAVES 3' 7" SEE PAGE 300
 Gate Standards priced separately For other designs see pages 334 to 339.
 MACFARLANE

MACFARLANE'S CASTINGS -- GATES

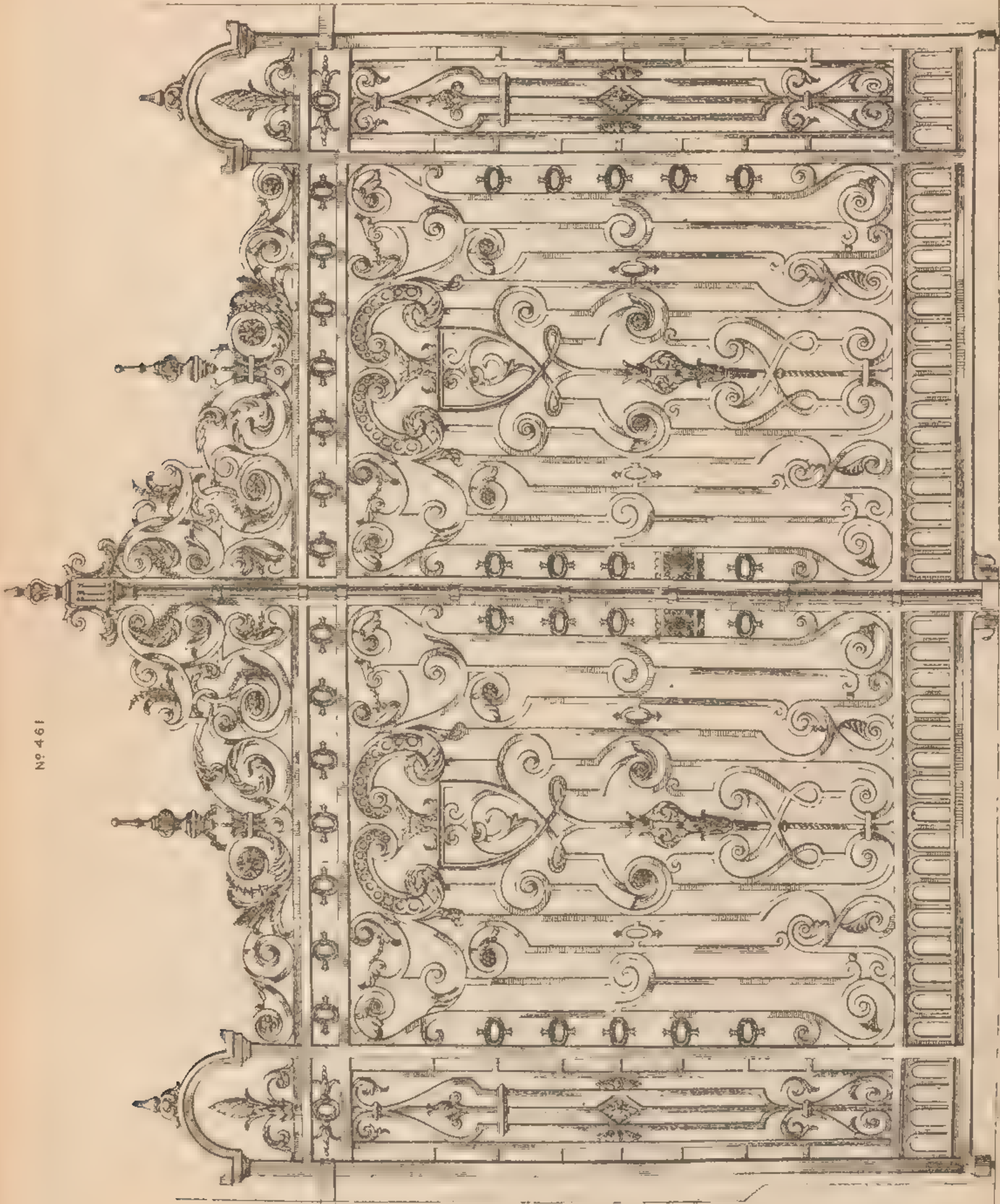
No 46



11, 6

MAGFARIANE CASTINGS — GATES

No 461

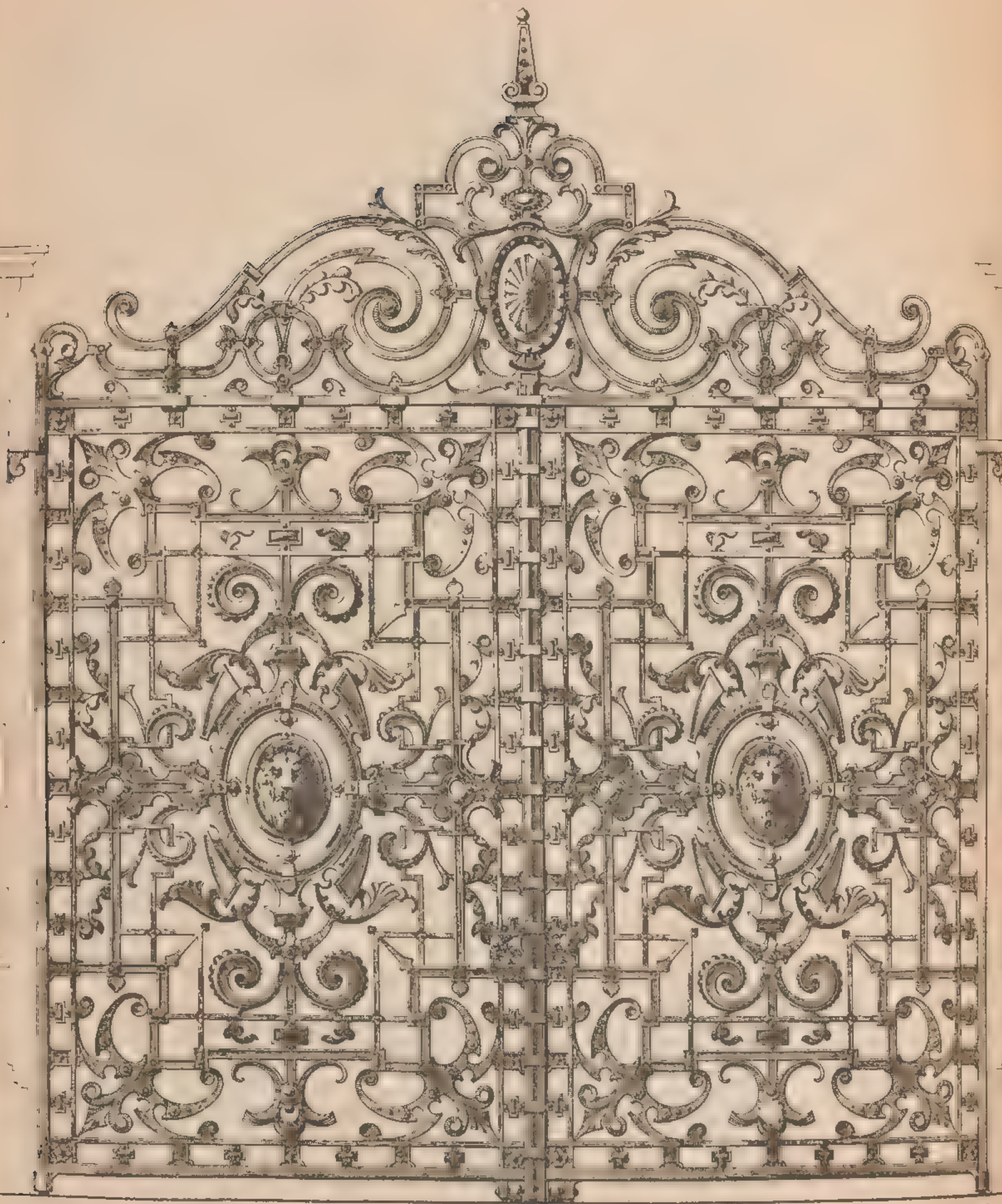


4 0' SINGLE LEAVED 4 3' SEE PAGE 299

SCALE

4 FEET

Nº 80



SINGLE LEAVED 4' 6" AND DOUBLE LEAVED 5' 0" WIDE SEE PAGES 300 AND 328

SCALE

1 2 3 4 FEET

Pl. 900

A N° 324 TERMINAL 8' 0"

B N° 71 LAMP 2' 6"



For other sizes see pages 330 331

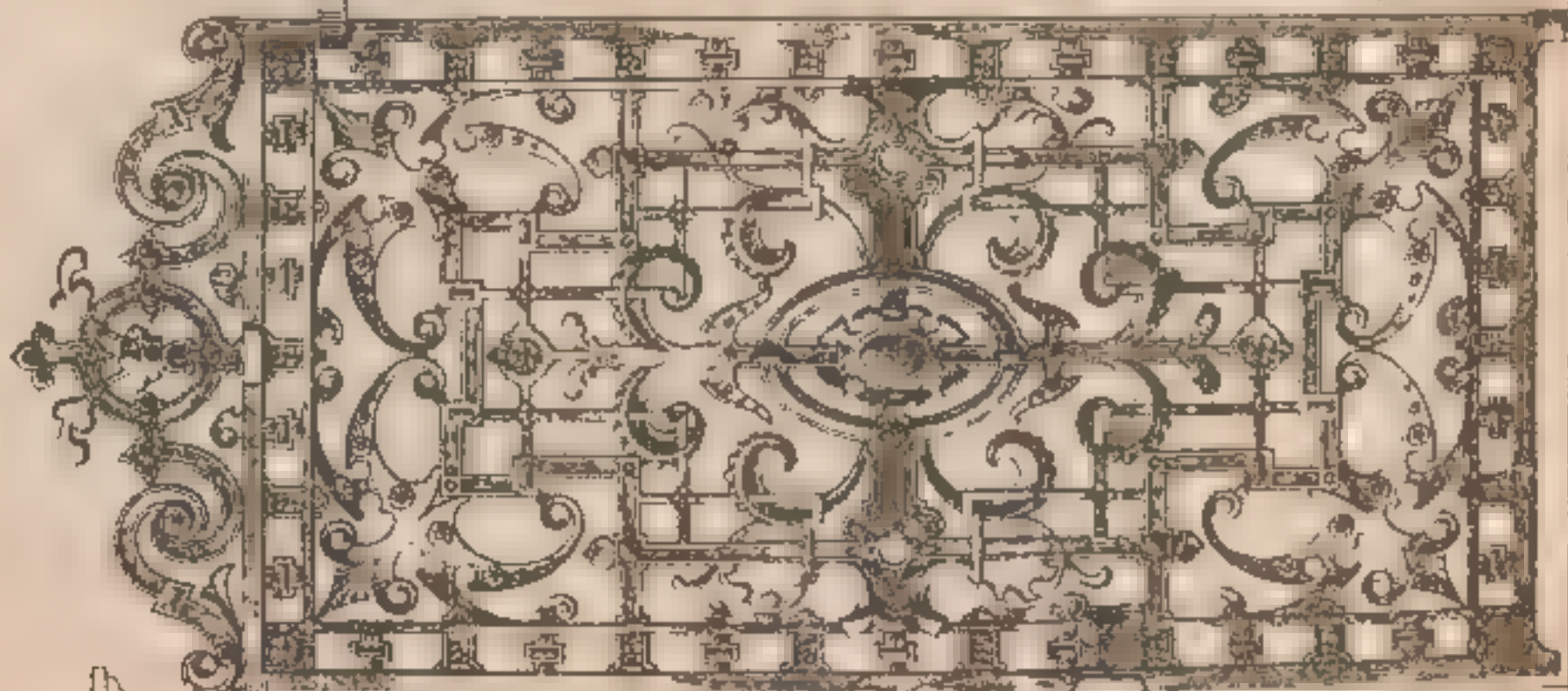
SCALE



MACFARLANE'S CASTINGS — GATES.

N^o 80.

N^o 7, LAMP



ALSO (2^d) SEE PAGE 326
Any Monogram, Arms, Crest, or Device to order

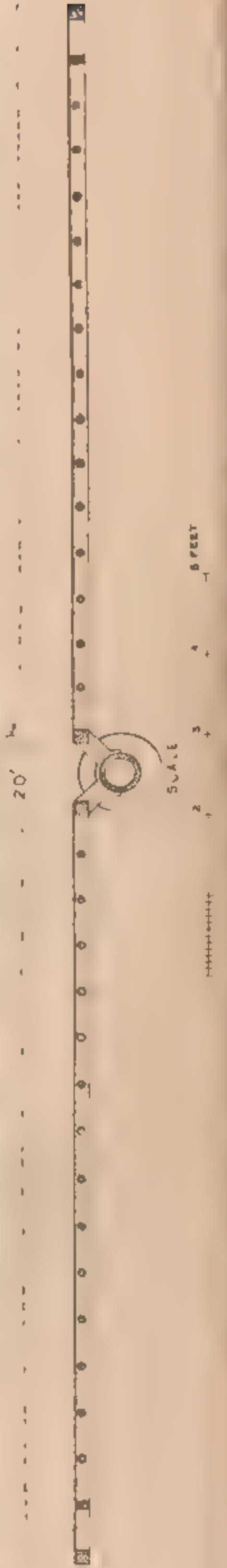
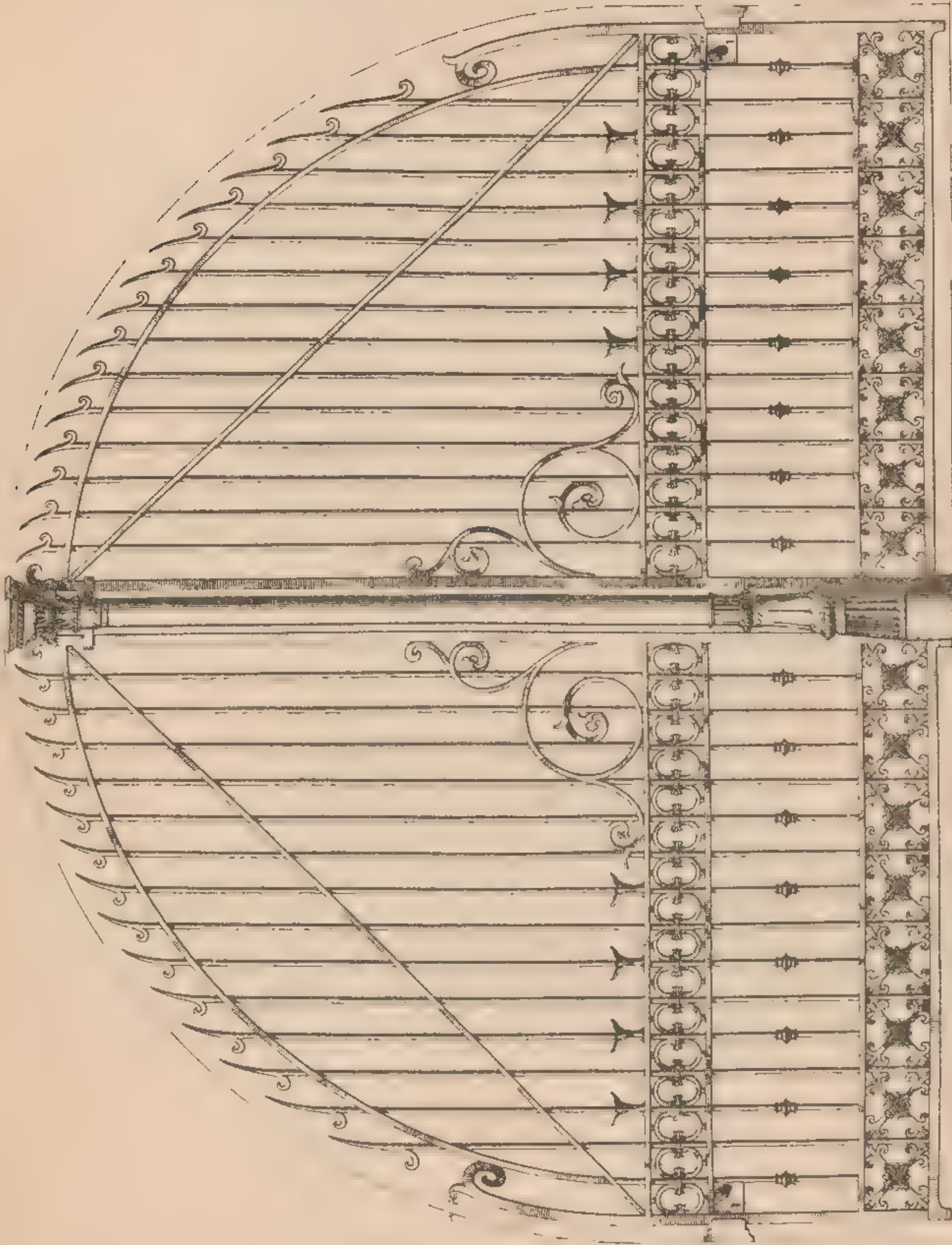
SCALE

5 0'

4 6

MACFARLANE'S CASTINGS — GATES

No 1136



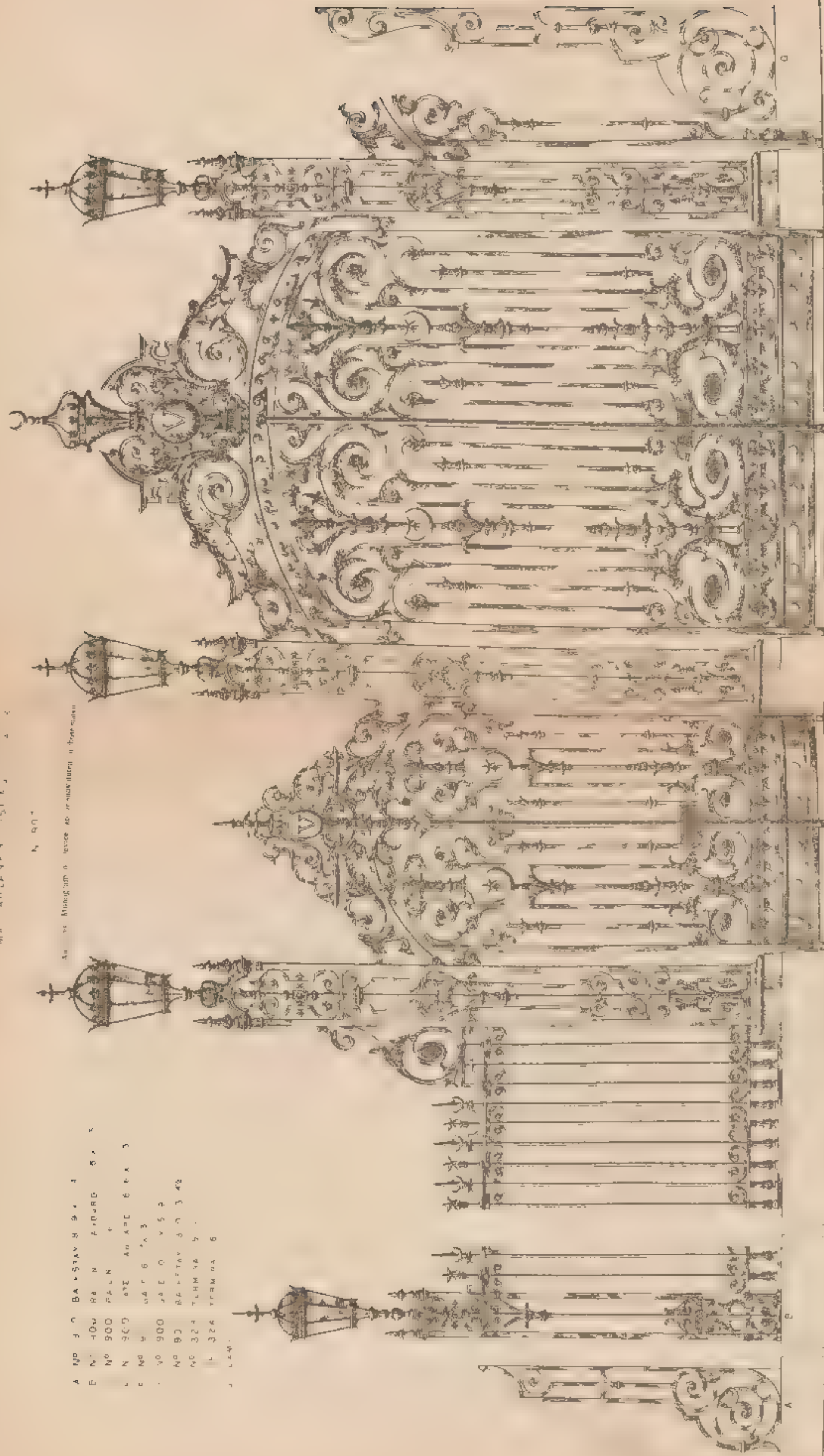
SCALE
1 2 3 4 5 FEET

57

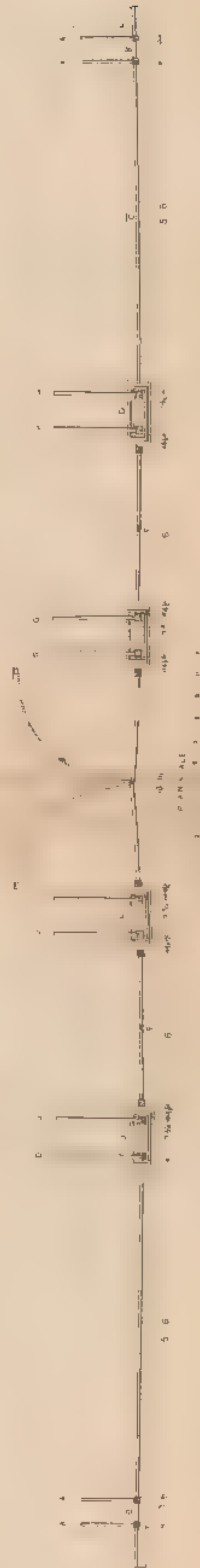
75

$$\lambda_{\alpha} = \frac{1}{2} \left(\lambda_{\alpha}^{\text{max}} + \lambda_{\alpha}^{\text{min}} \right) \quad \text{and} \quad \lambda_{\alpha}^{\text{max}} = \frac{1}{2} \left(\lambda_{\alpha}^{\text{max}} + \lambda_{\alpha}^{\text{min}} \right) + \frac{1}{2} \left(\lambda_{\alpha}^{\text{max}} - \lambda_{\alpha}^{\text{min}} \right)$$

A	NPO	J	C	B A *	S T A V N	H	, I
E	N	-O U	R A	N	F O R E	K	X * Z
No	900	P L N	*				
L	N	G C T	D P E	A M	V = E	M X Y	Z
E	N D	Y	O A	R	6	* , B	
.	VO	900	T A	E	O	Y S Z	
N D	80	P L N	T A	= T o v	O	I J	40
N G	322	T H M	V A	W	.		
L	324	T F M	A	B			
L	AM.						



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----



MACFARLANE'S CASTINGS — GATES

Nº 845



7' 0"

SCALE

+++++

2

3

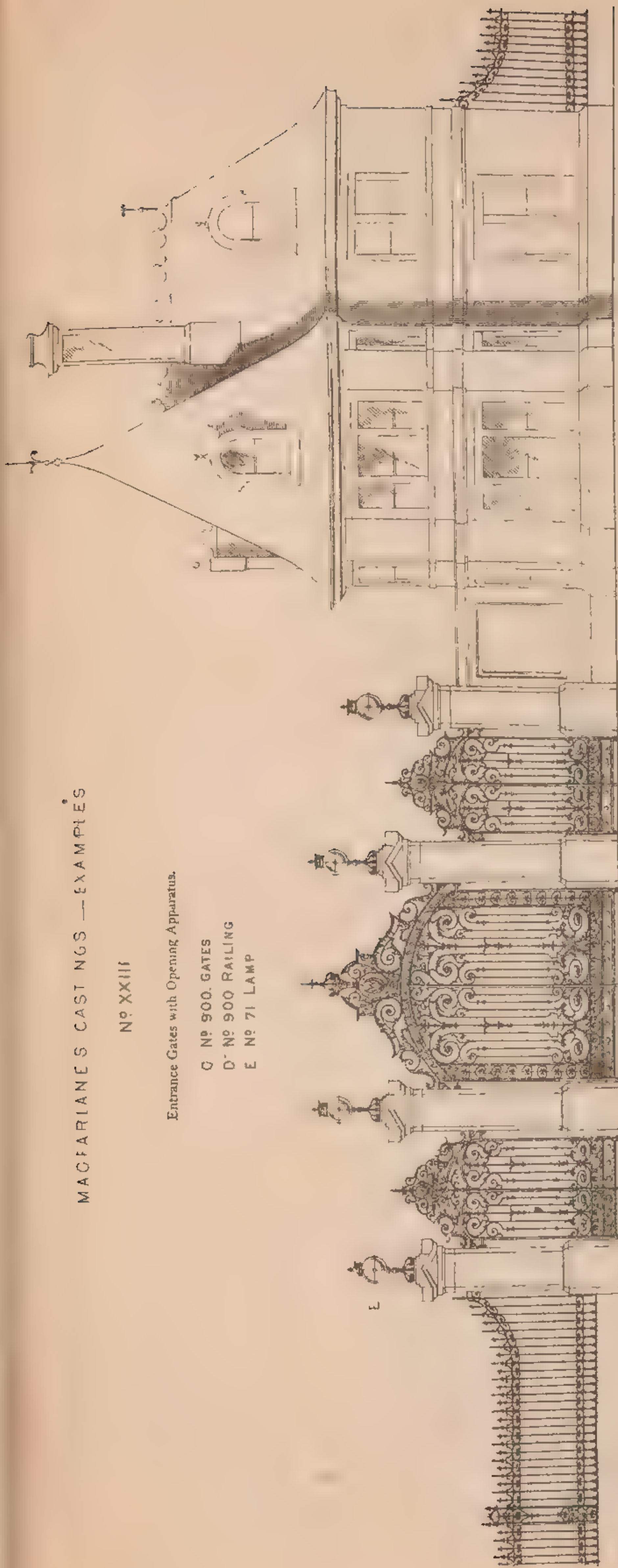
4 FEET

MACFARLANE'S CASTINGS — EXAMPLES

No XXIII

Entrance Gates with Opening Apparatus.

- C No 900. GATES
- D No 900 RAILING
- E No 71 LAMP



C

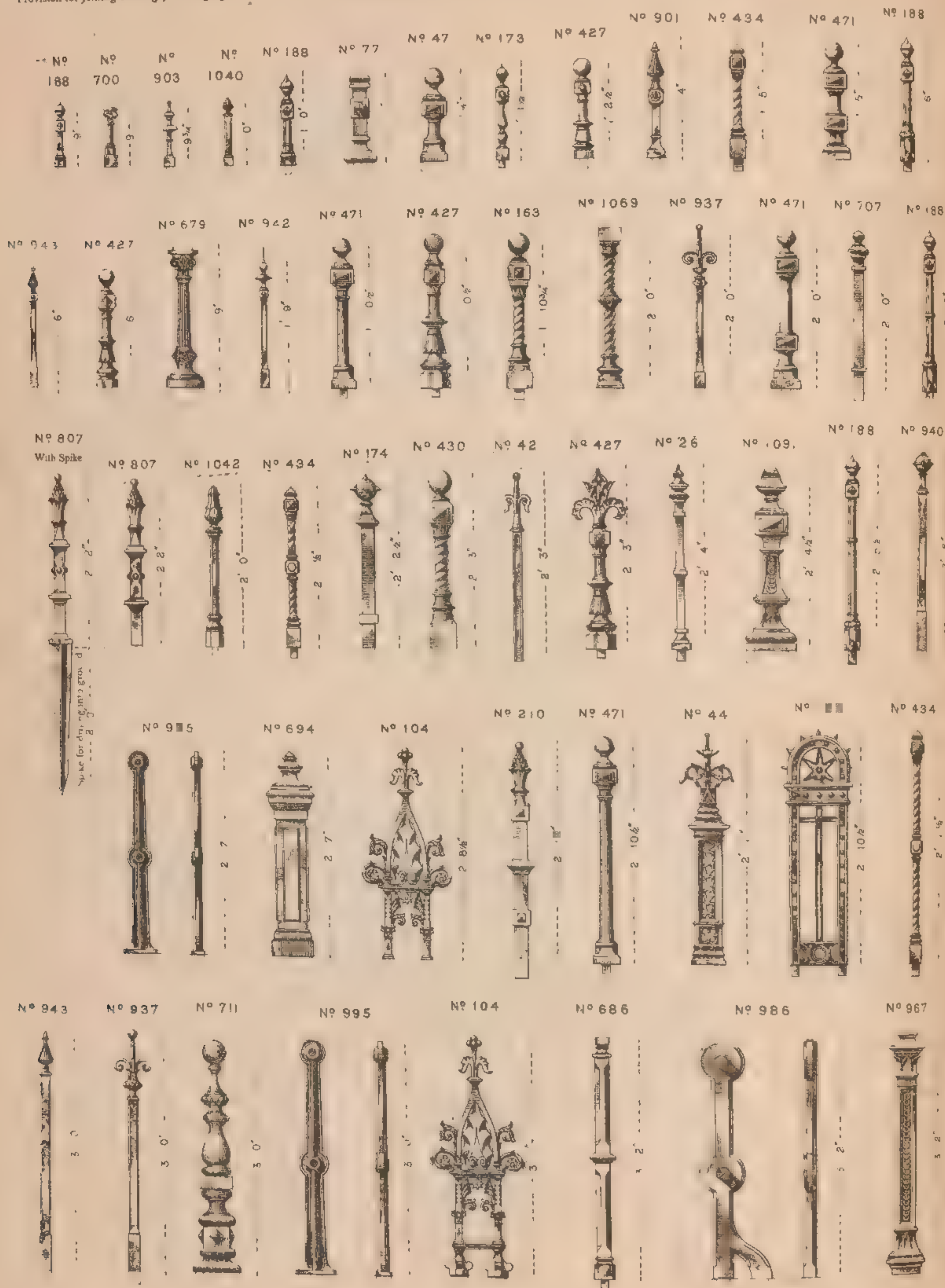
ELEVATION

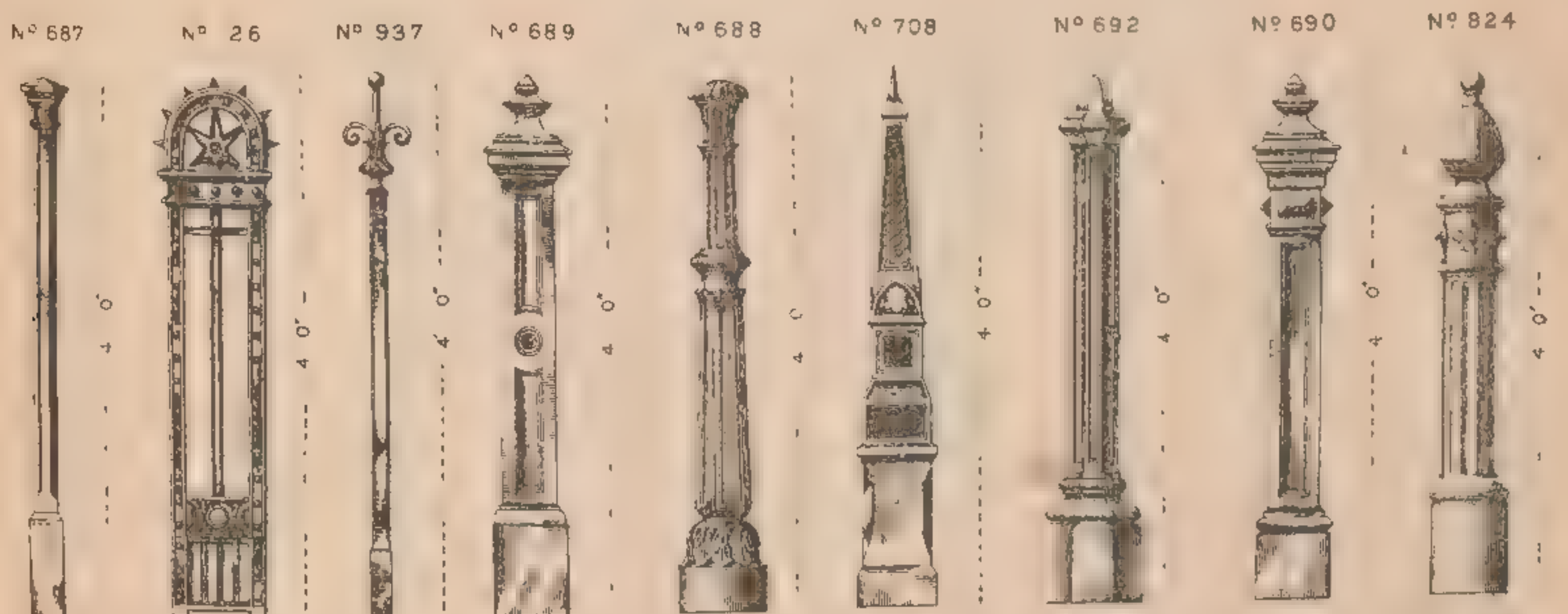
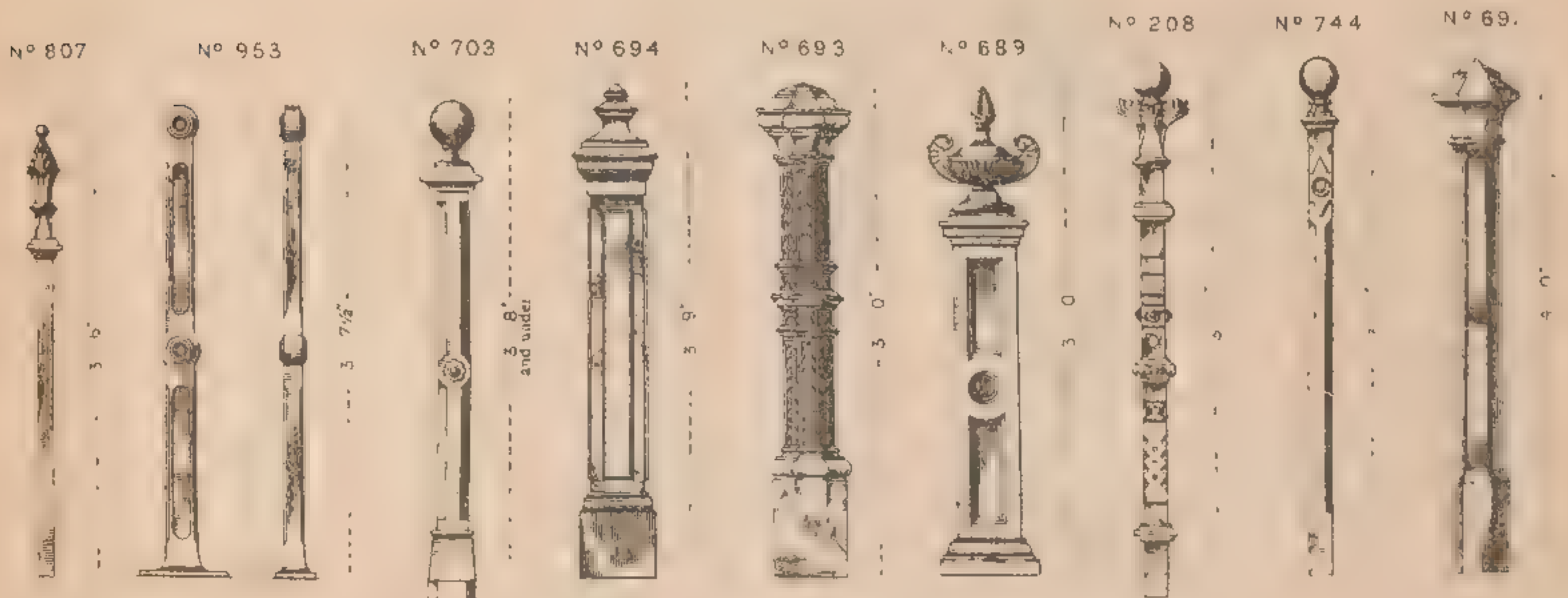
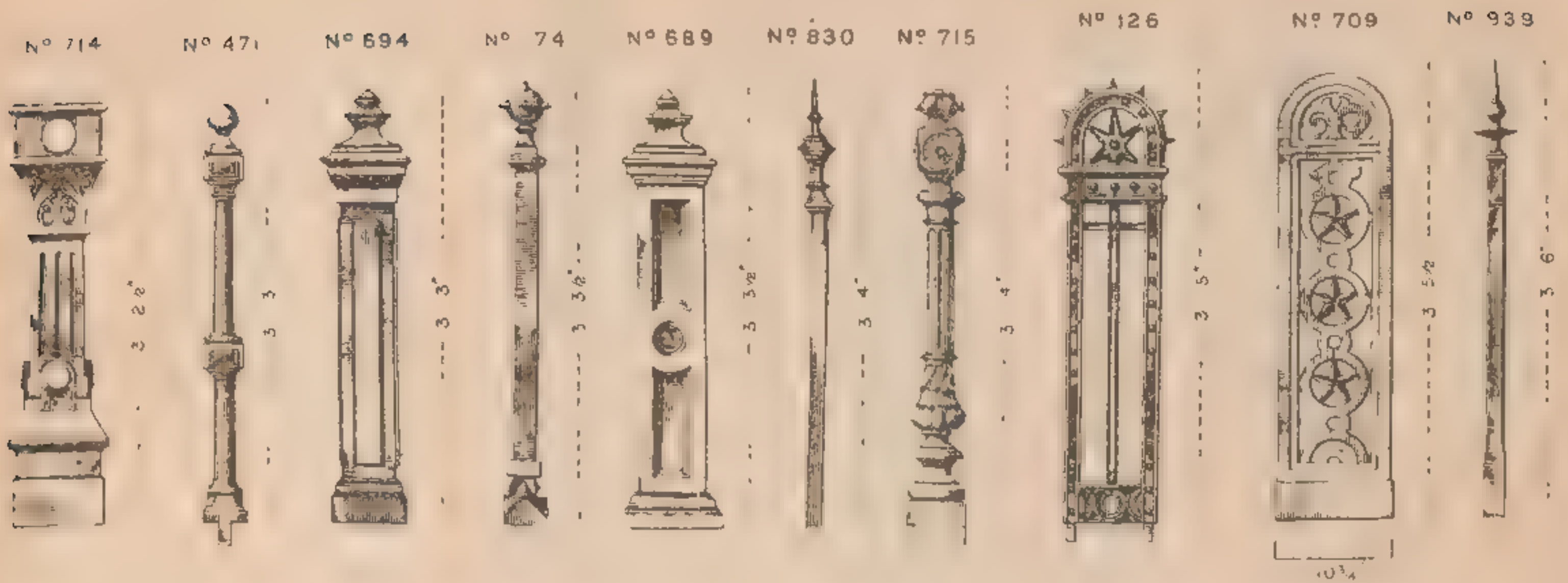


PLAN

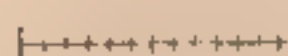
To open the Carriage Gate from inside of Porch pull the lever A which draws down the bolt at centre of Gate, then by turning the handle B both leaves of Gate are opened simultaneously. This can be easily done in less than half a minute by a young girl. The whole of the gearing is underground, and enclosed in a cast-iron box

In order to sustain the architectural effect of our Railings, Gates, Balconies, Terminals, &c., we submit the following designs of Standards, Posts and Pillars. Provision for joining Railings, or hanging Gates and other adaptations to order

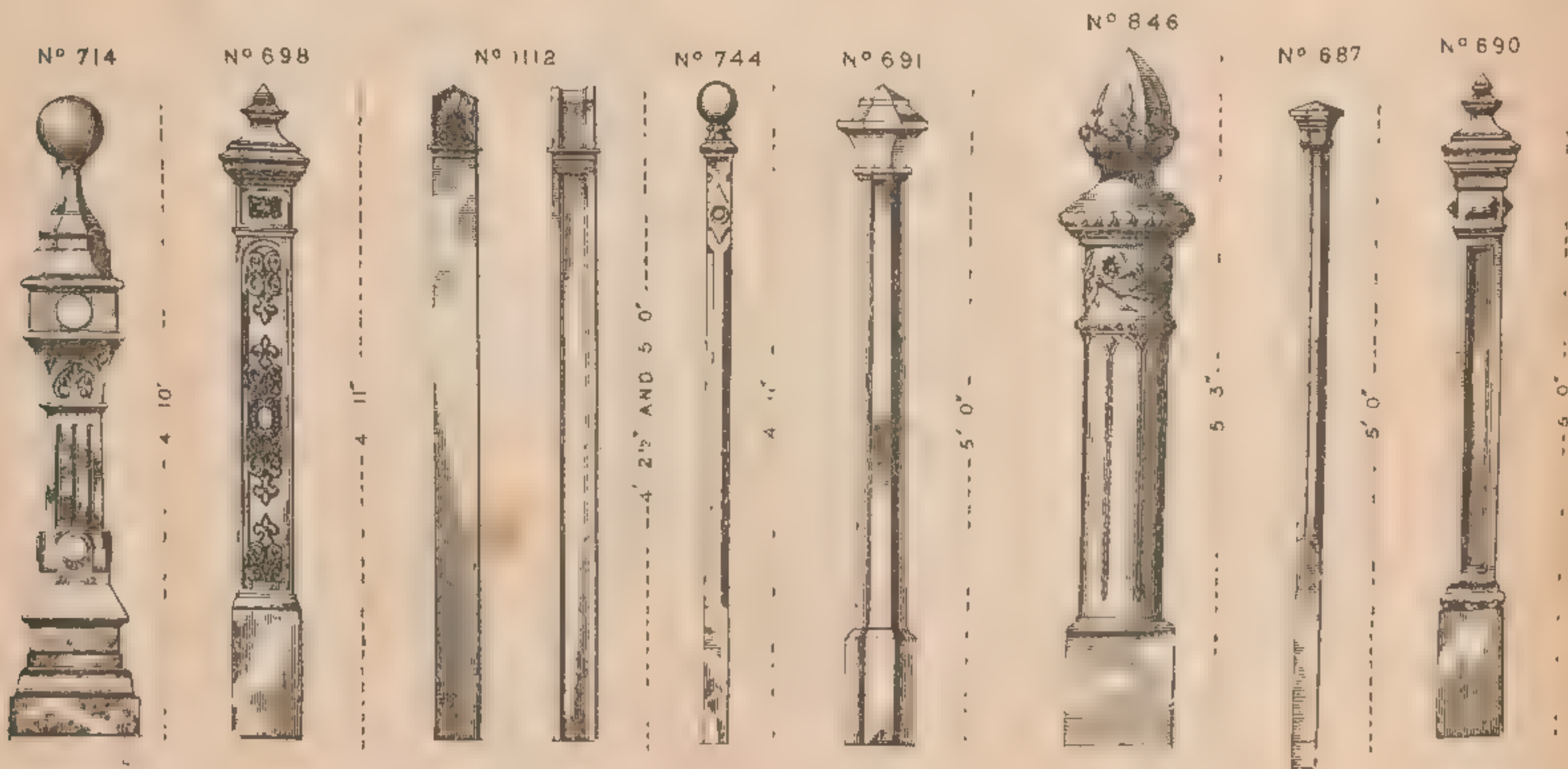
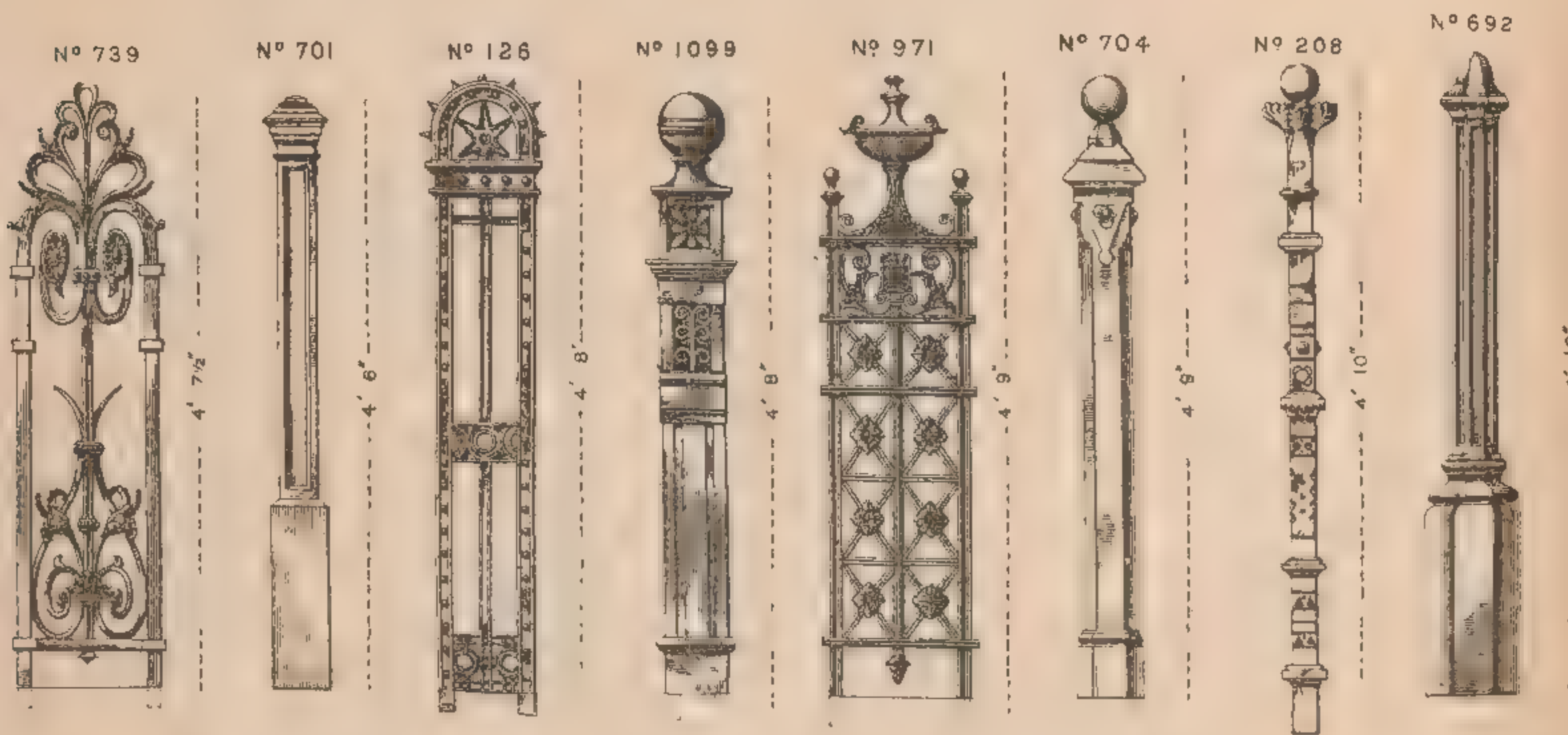
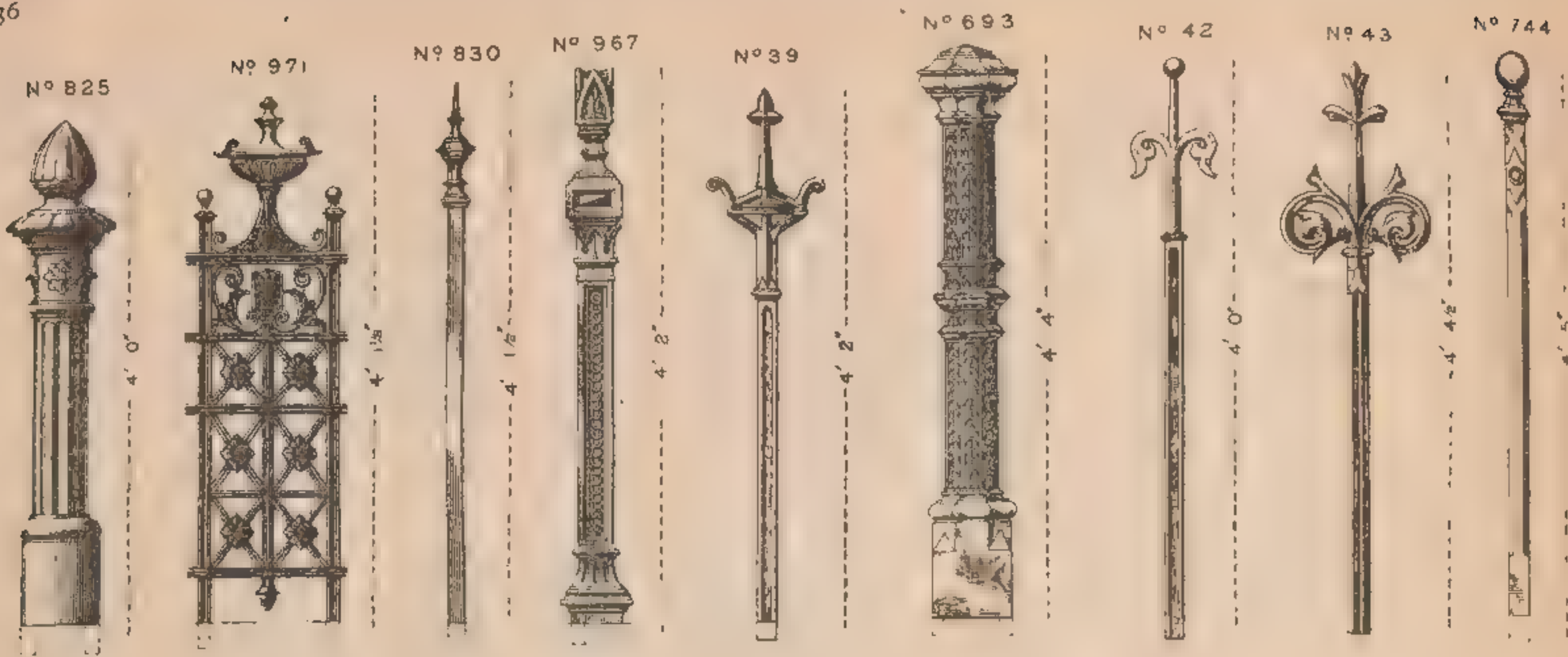




SCALE



4 FEET

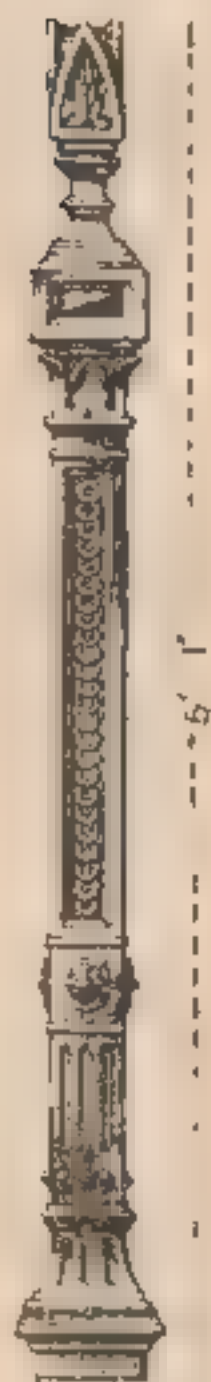


Nº 972



Flat and Corner

Nº 967



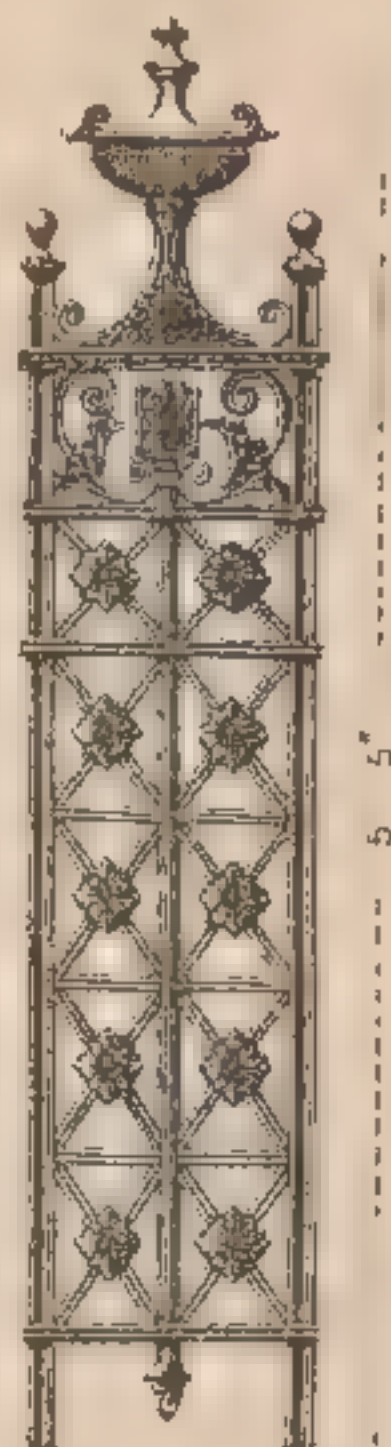
Nº 705



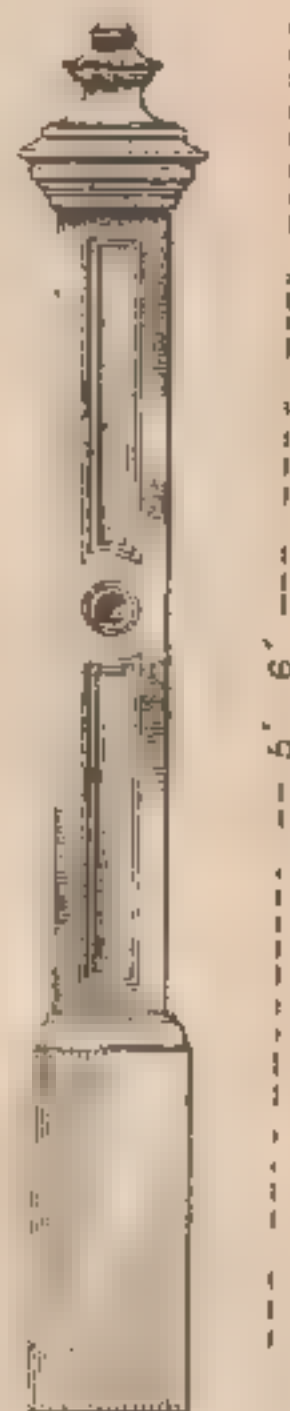
Nº 473



Nº 971



Nº 689



Nº 208



Nº 63



Nº 1097



Nº 1112



Nº 739



Nº 967



Nº 968



Nº 846



Nº 944



Nº 705



SCALE

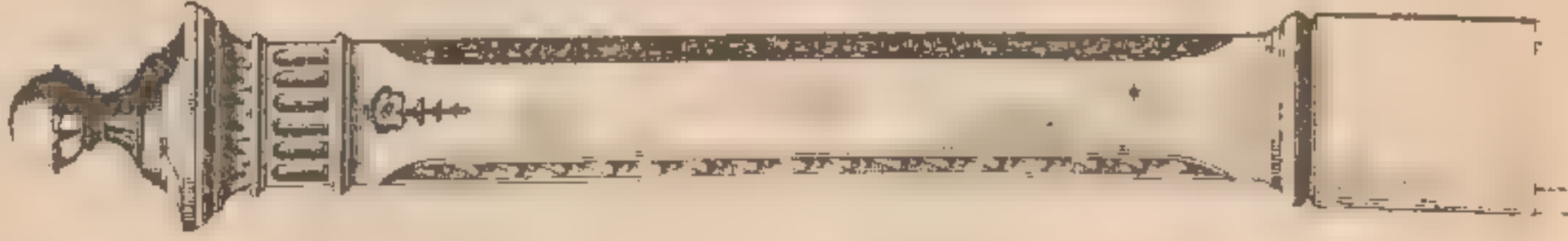
4 FEET

MACFARLANES CASTINGS - RAILING AND GATE STANDARDS

Nº 820



Nº 1054



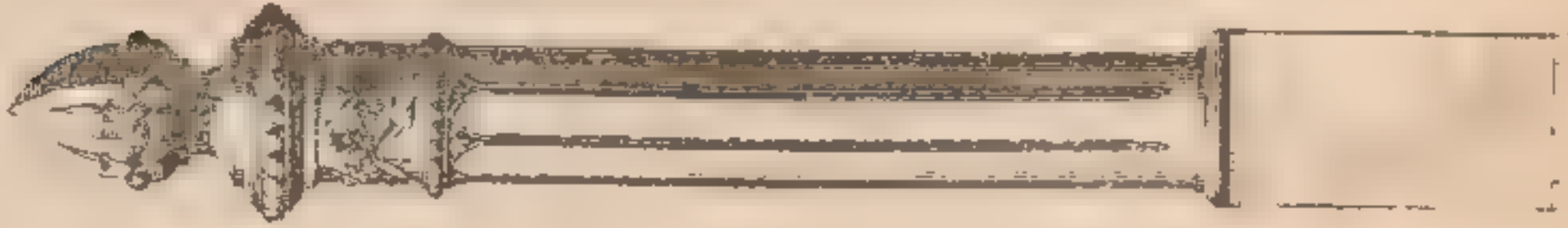
Nº 706



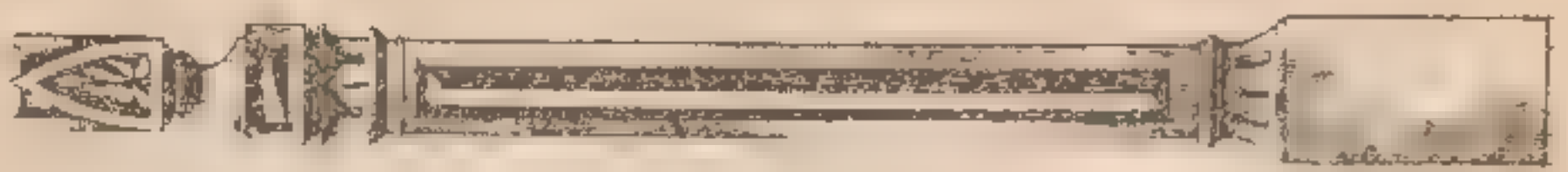
Nº 739



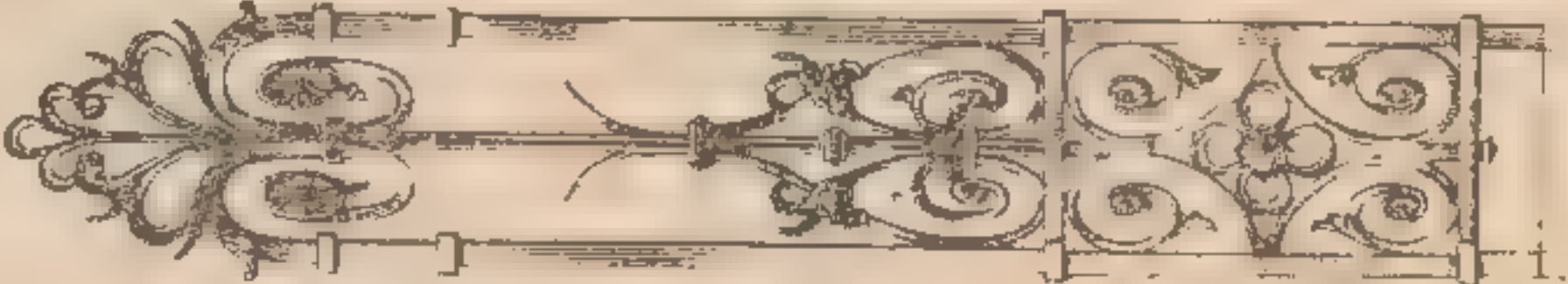
Nº 846



Nº 968



Nº 739



Nº 704



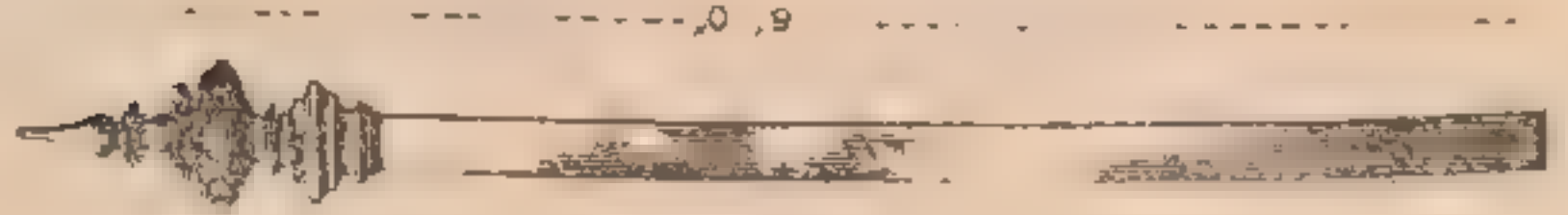
Nº 69



Nº 689

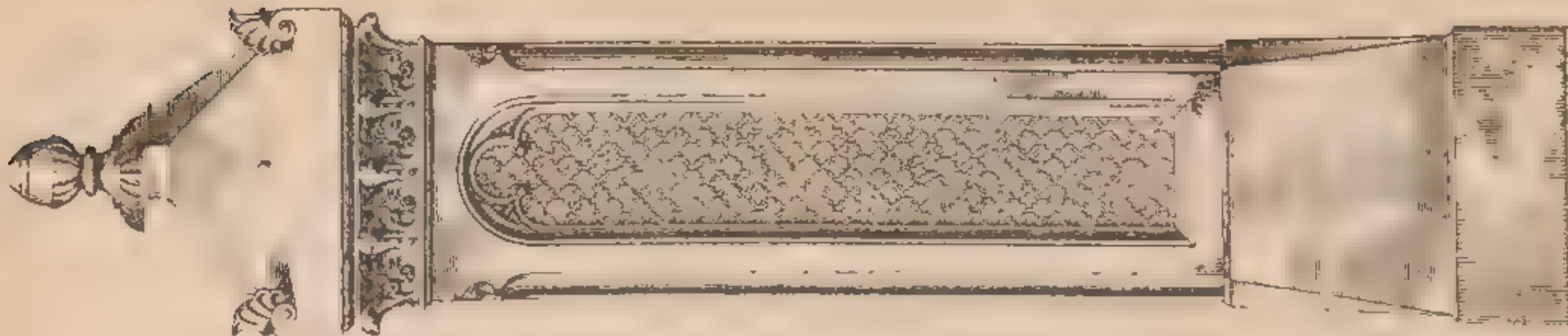


Nº 474

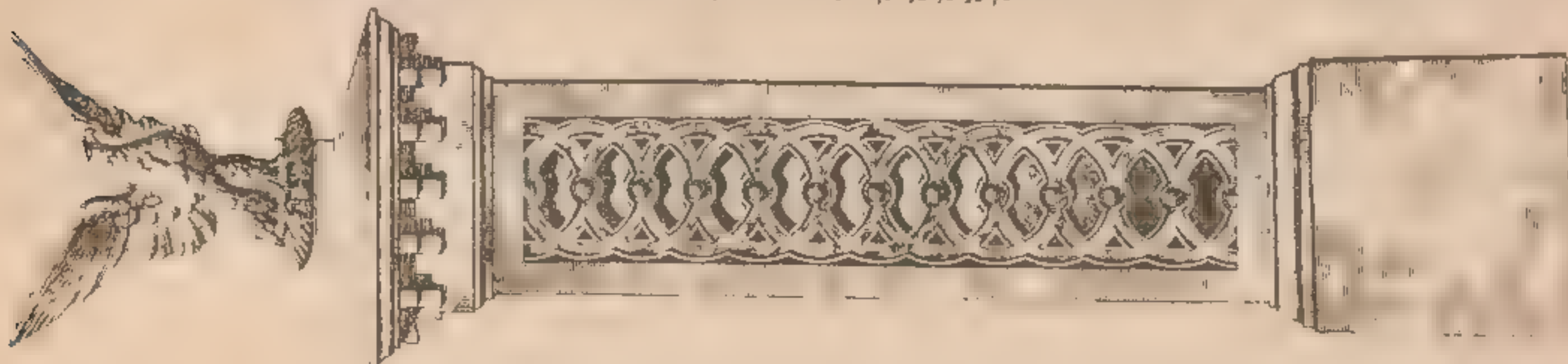


SCALE
2
4 FEET

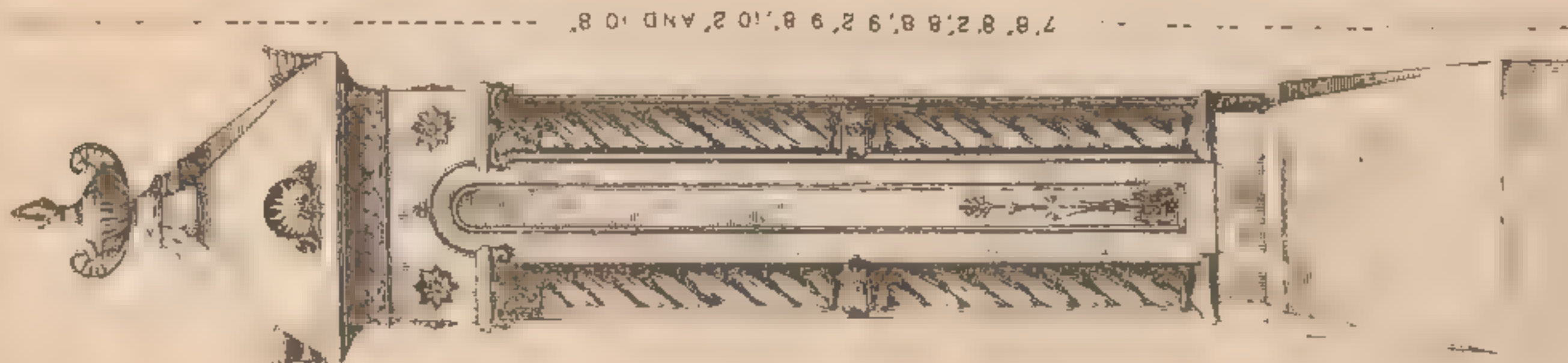
Nº 717



Nº 702



Nº 745



Nº 823



Nº 822



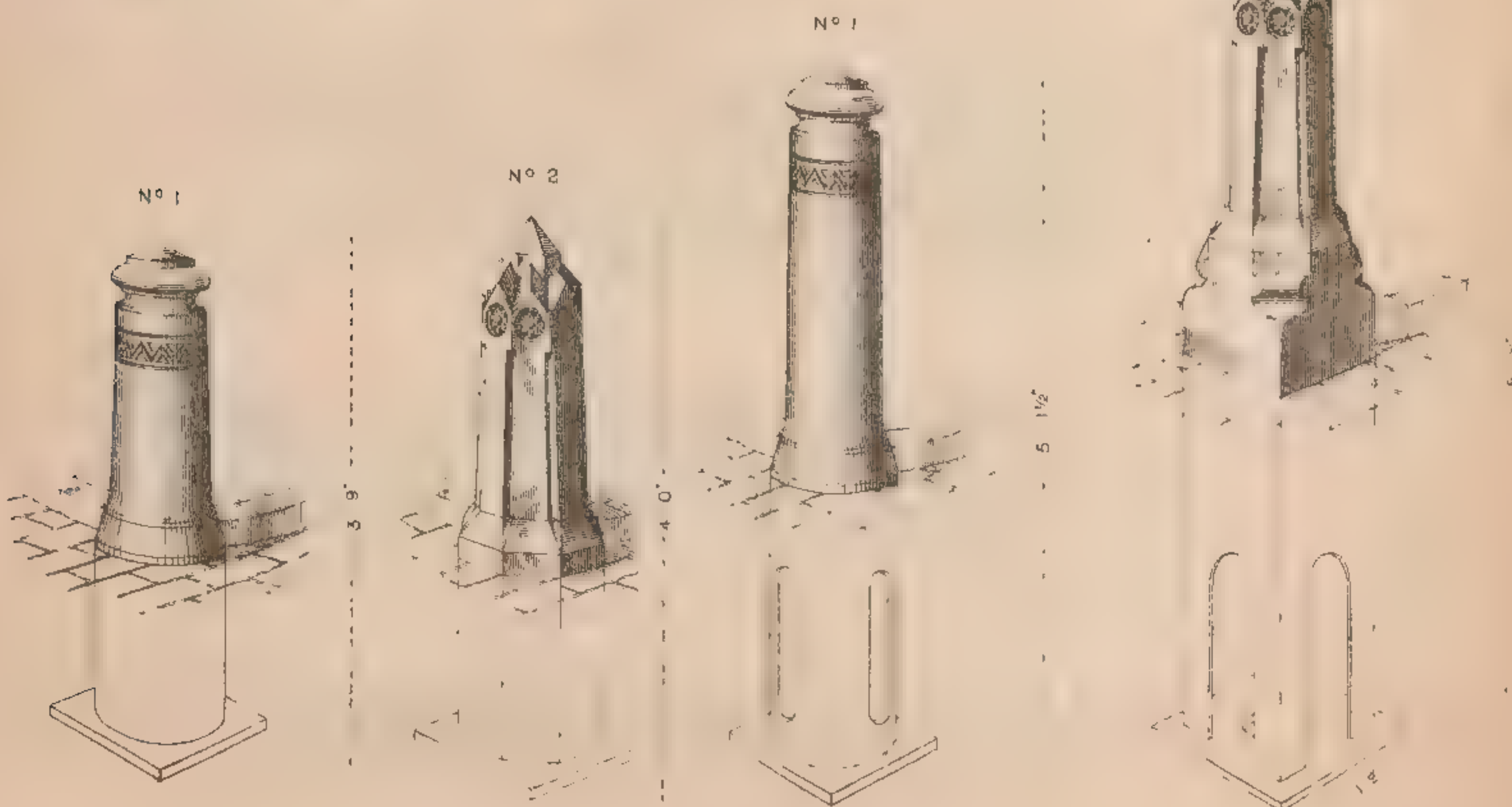
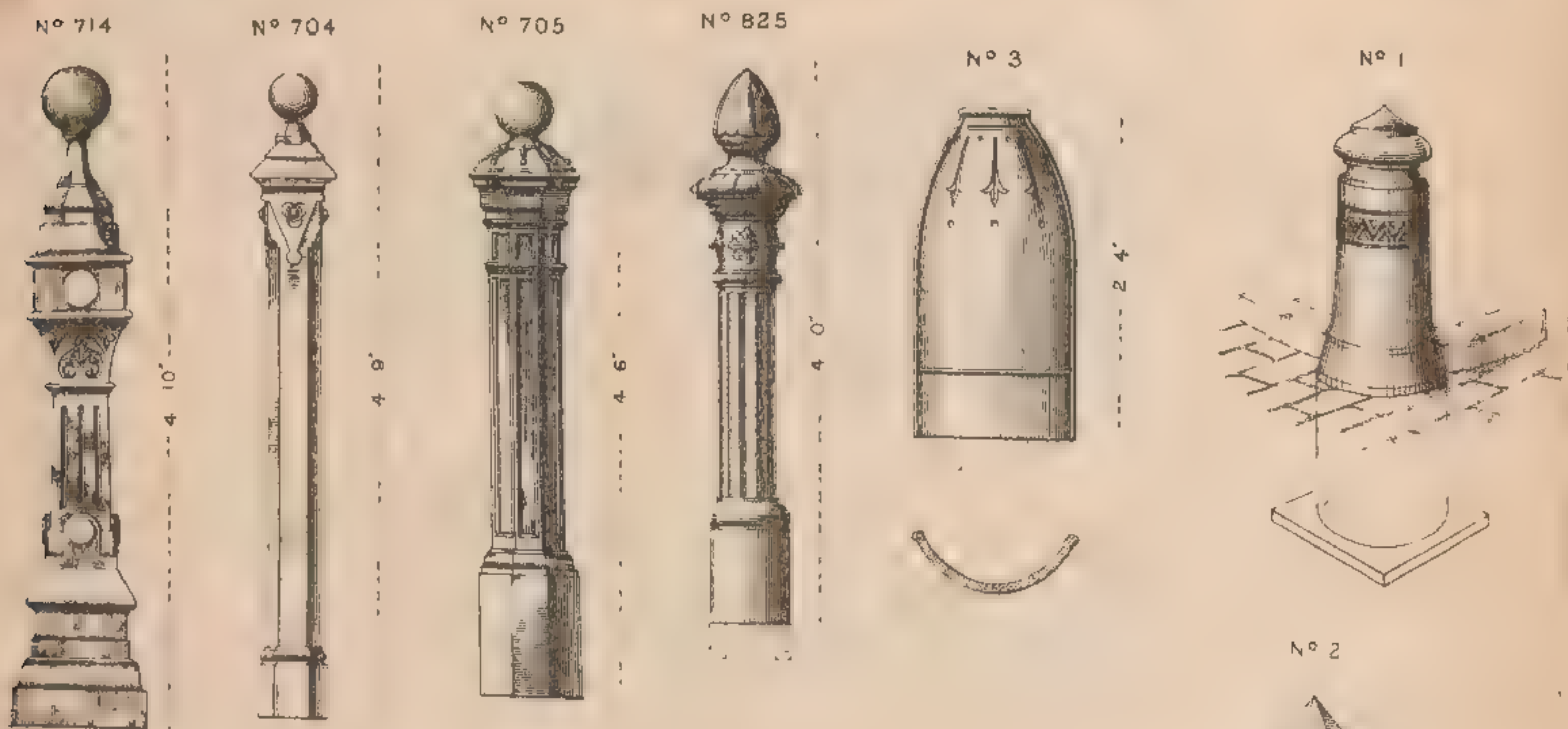
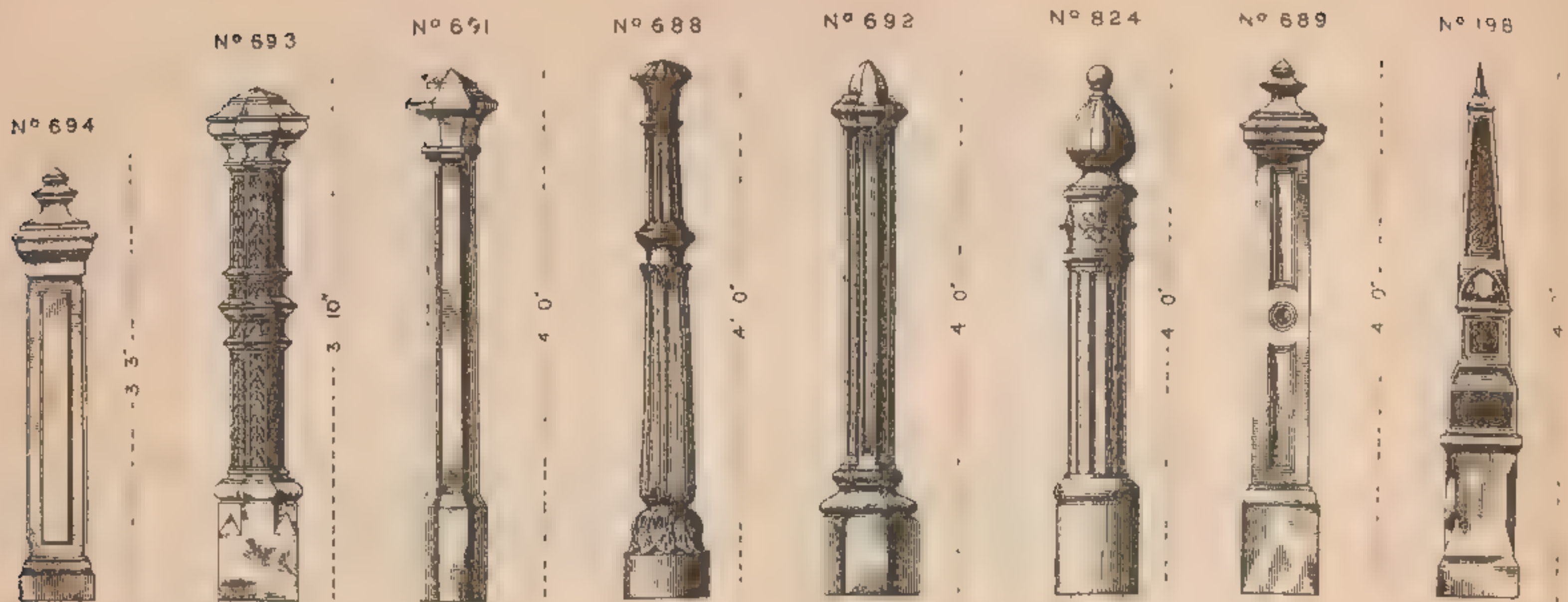
Nº 710



Nº 950



SCALE
2
4 FEET



SECTION VII.—PANELS AND GRATINGS.

341

FOR VENTILATION, LIGHT, VIEW, PROTECTION, AND ORNAMENT.

The benefits that result from changing the air of apartments, whether in dwellings, warehouses, stores, shops, or vessels, are becoming universally recognized, and in every building there are many places where openings for the passage of heat, light, and air are desirable, as in partitions, ceilings, fanlights, doors, closets, gates, shop windows, &c., and where it is also necessary to protect such openings to prevent the entrance of thieves or vermin. For such purposes, as well as for ornamental effect, iron is most suitable on account of its strength, durability and light appearance,—also for Gratings, over heating pipes and areas, and for balcony, engine-room, and gangway floors, &c. Many other suitable designs will be found in Section V.—Railing.

Please insert in Specification "To be Macfarlane's Castings, from Saracen Foundry, Glasgow," to prevent an inferior article being supplied.

Rectangular Panels,.....	pages 341—355	Air Bricks,.....	pages 362
Circular Panels,.....	" 356—357	Opening Ventilators,.....	" 362
Semi-circular Panels,.....	" 358—361	Floor Gratings,.....	" 363—367
Triangular Panels,.....	" 361	Floor Plates,.....	" 366

The Panels are arranged as a rule in the order of their heights, but many of the designs admit of either their length or their breadth being placed vertically. The Floor Gratings are arranged in the order of their breadth.

DIRECTIONS FOR ORDERING.

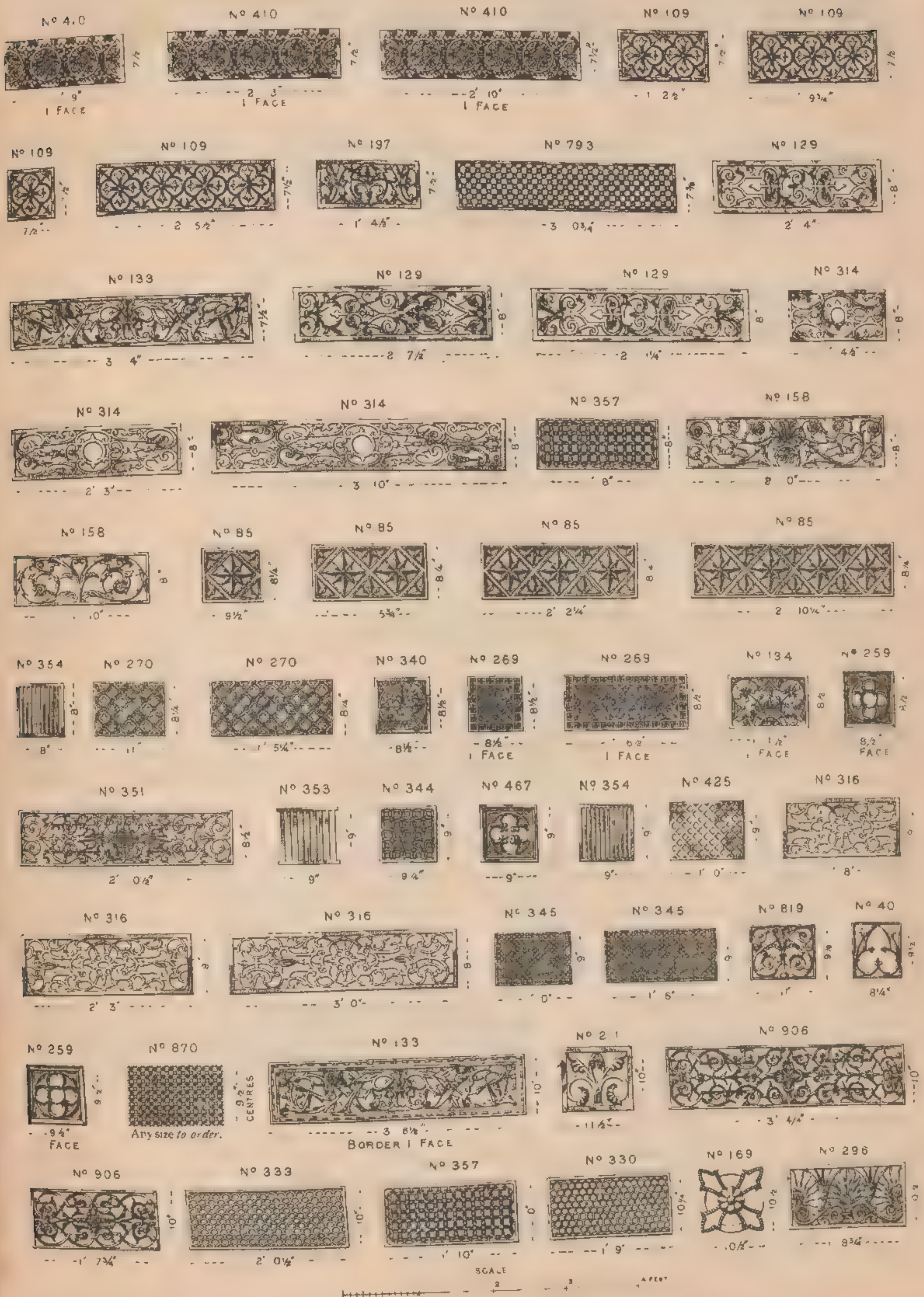
State the Nos. and sizes and the preparation for fixing required (if any, whether for wood or stone, and when necessary give rough sketch of the position the Panel is to occupy with exact measurements.

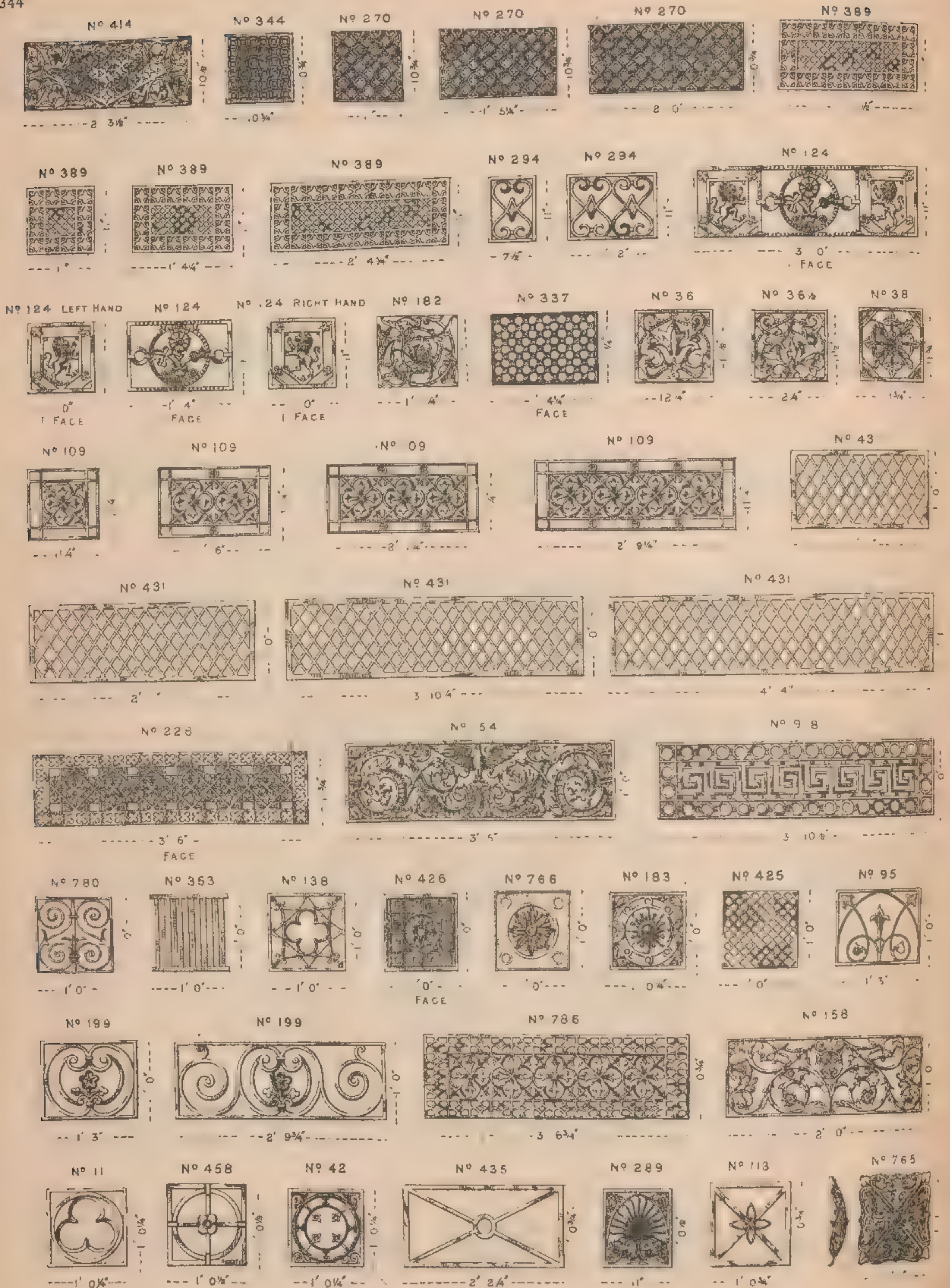
MACFARLANE'S CASTINGS — RECTANGULAR PANELS

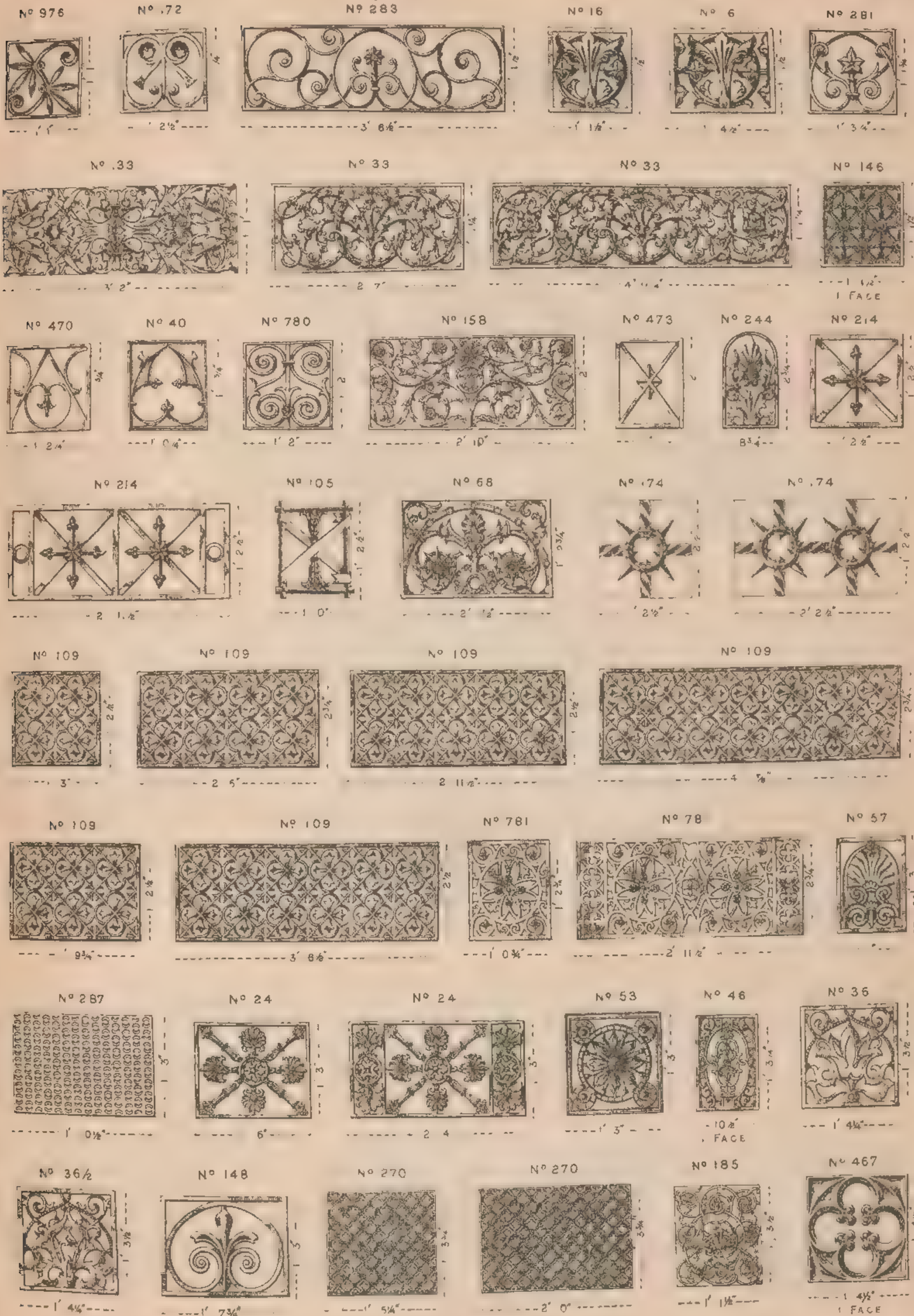


SCALE

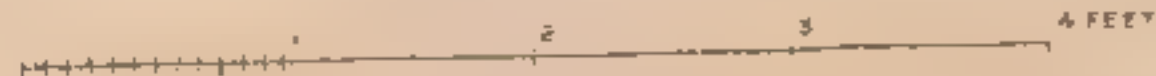


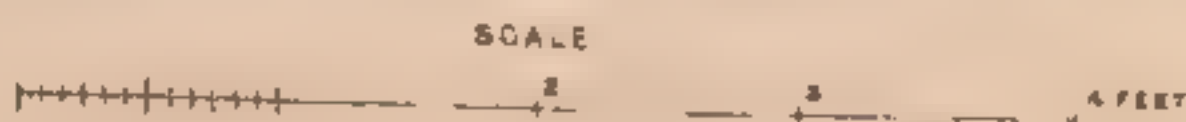


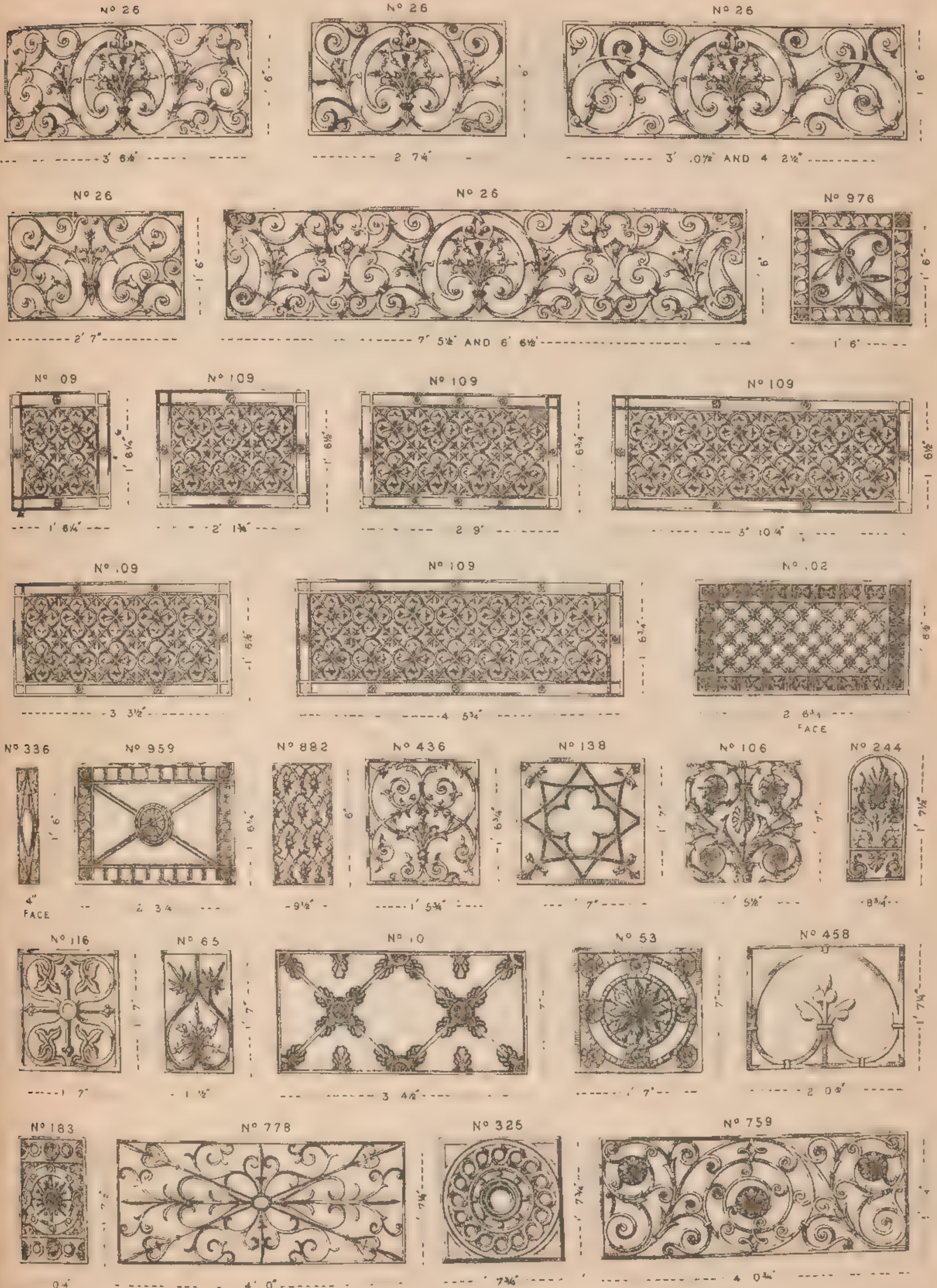




SCALE







Nº 76



Nº 57



Nº 146



Nº 203



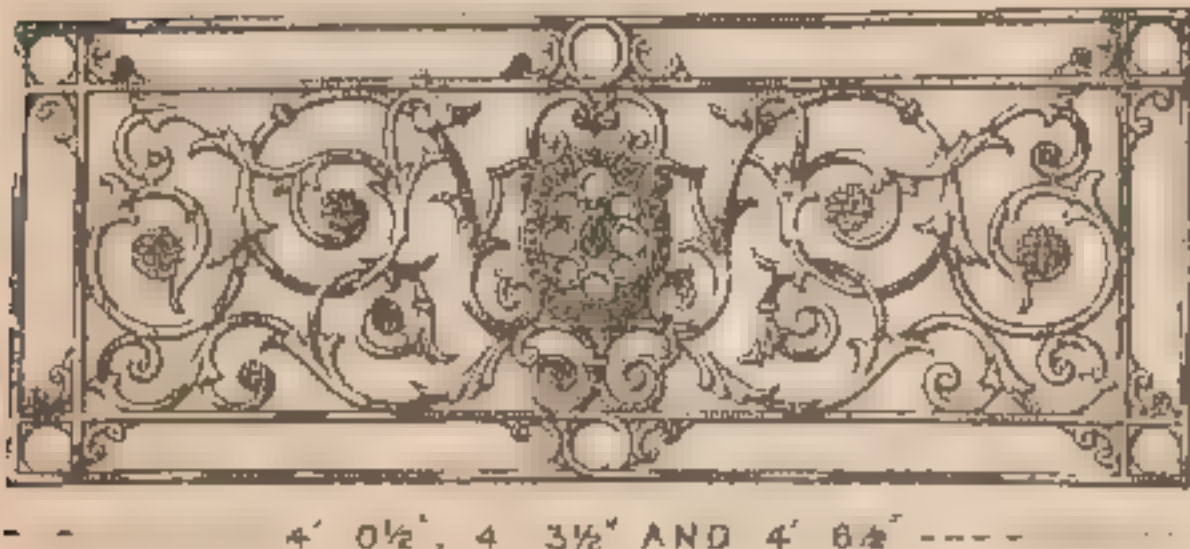
Nº 245



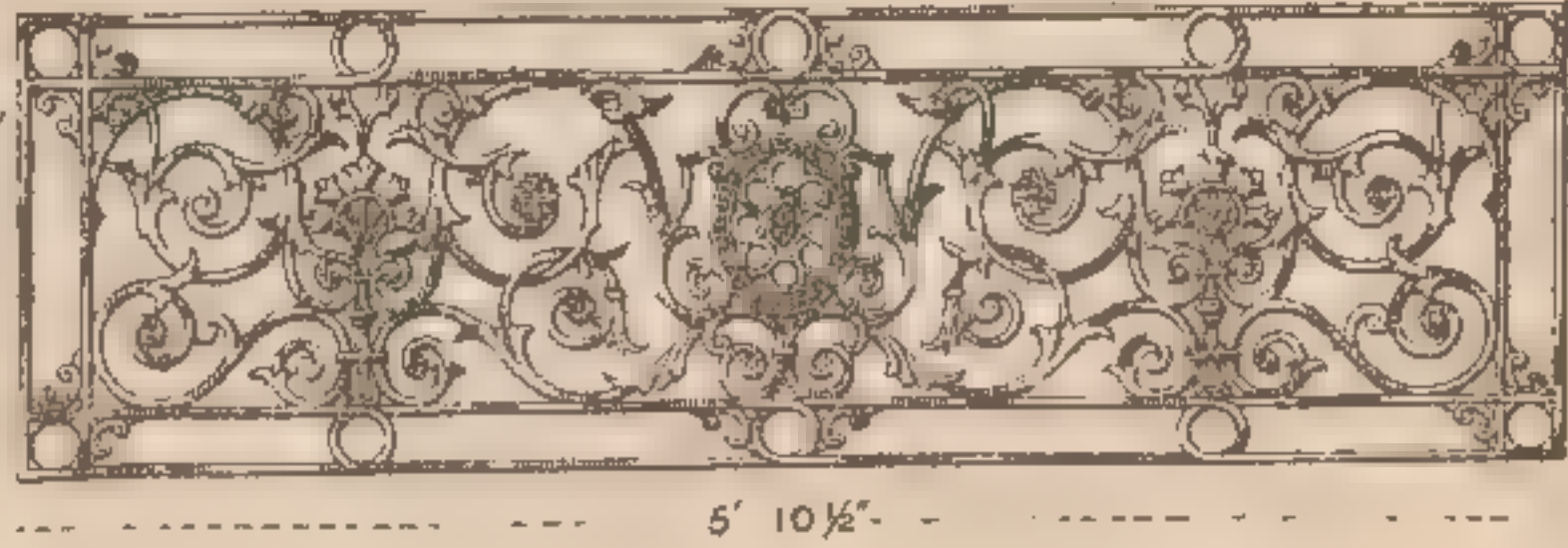
Nº 457



Nº 437



Nº 437



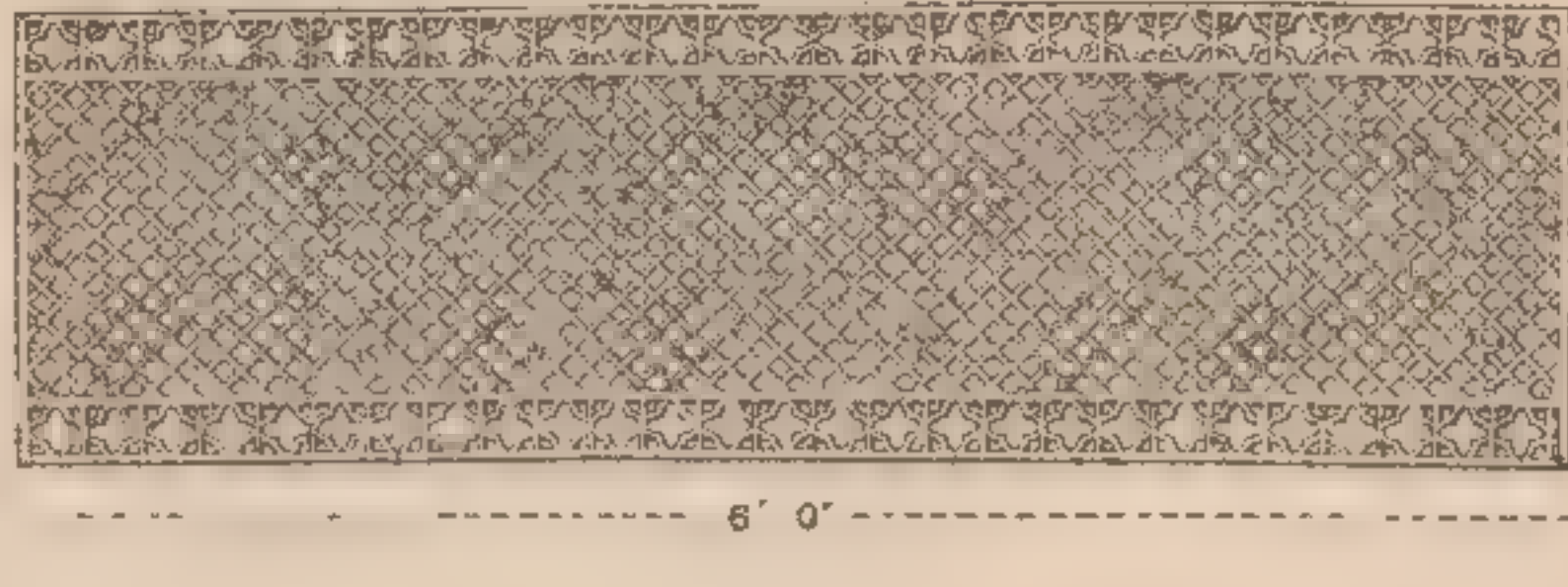
Nº 133



Nº 437



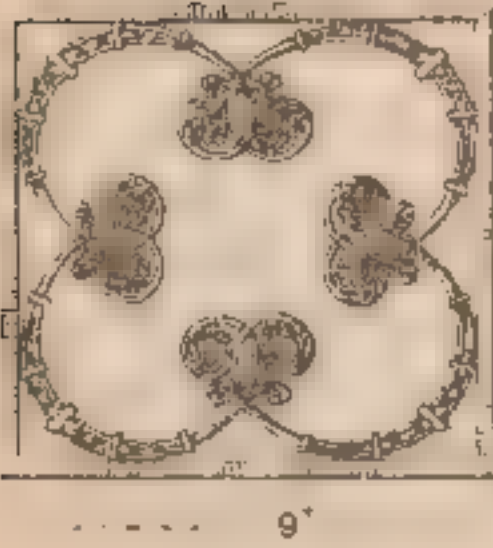
Nº 389



Nº 906



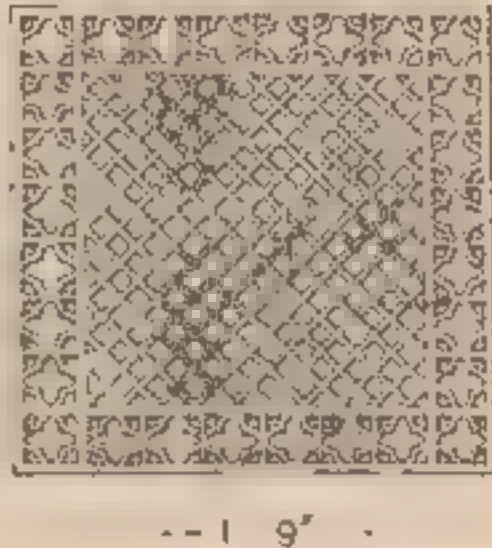
Nº 45



Nº 90



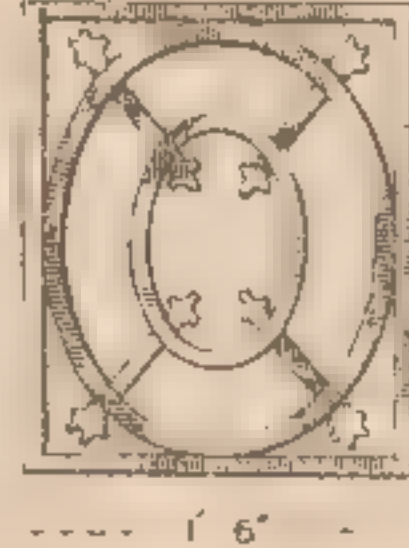
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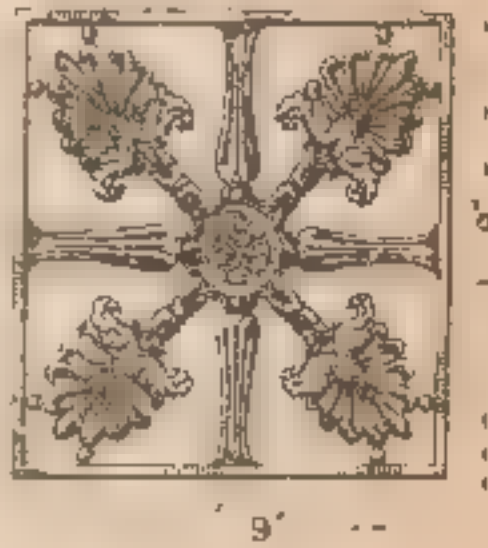
Nº 294



Nº 147



Nº 24



Nº 33



Nº 33



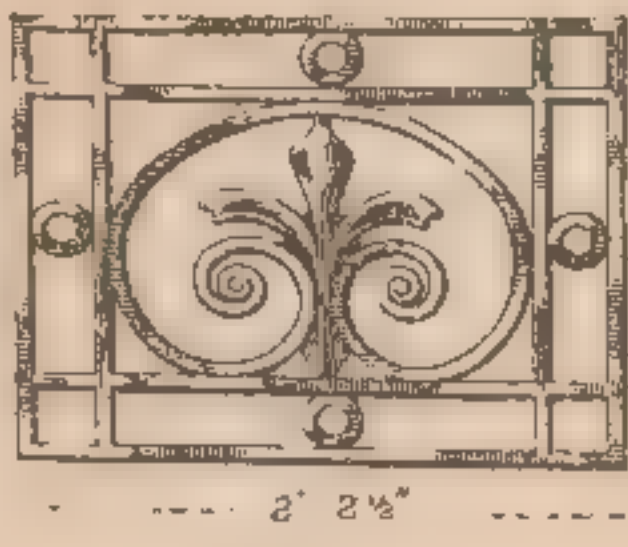
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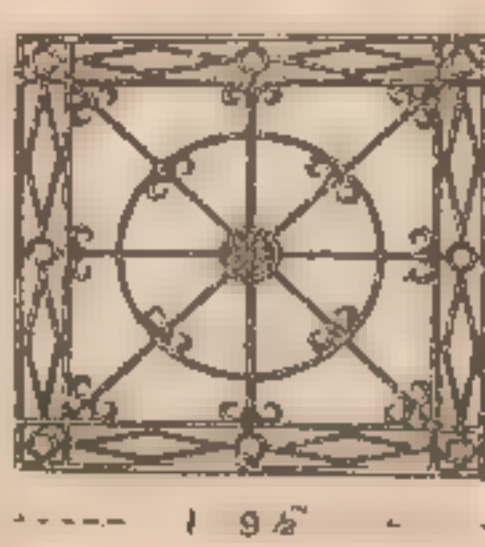
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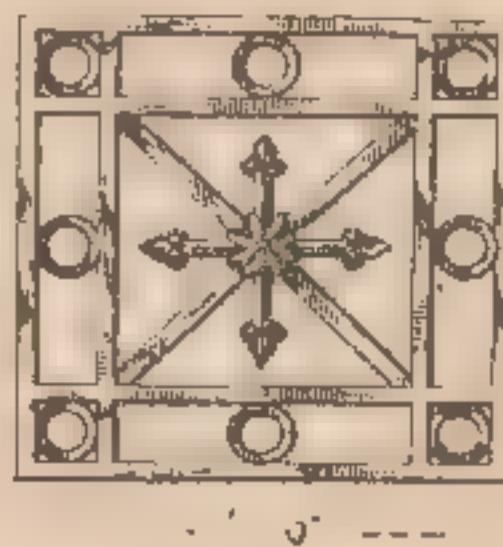
Nº 148



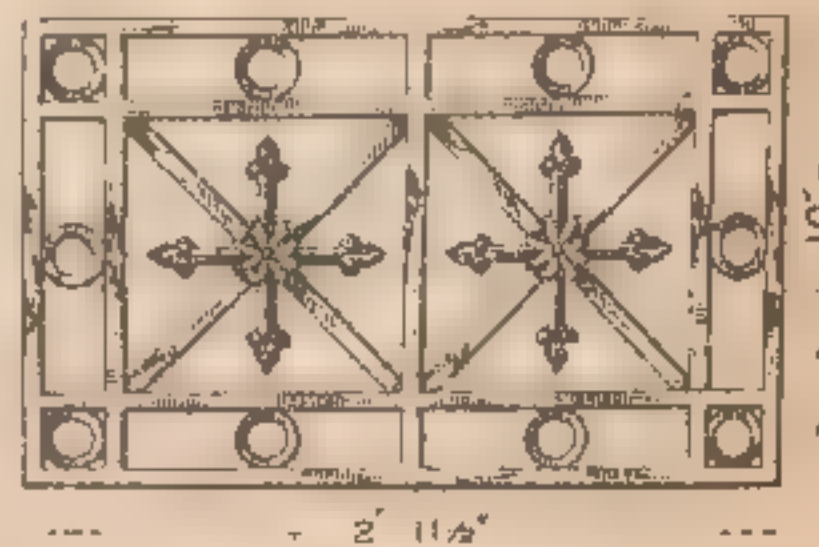
Nº 110



Nº 214



Nº 24



SCALE



N° 837



1 AND 2 FACES
Any size to order

N° 460



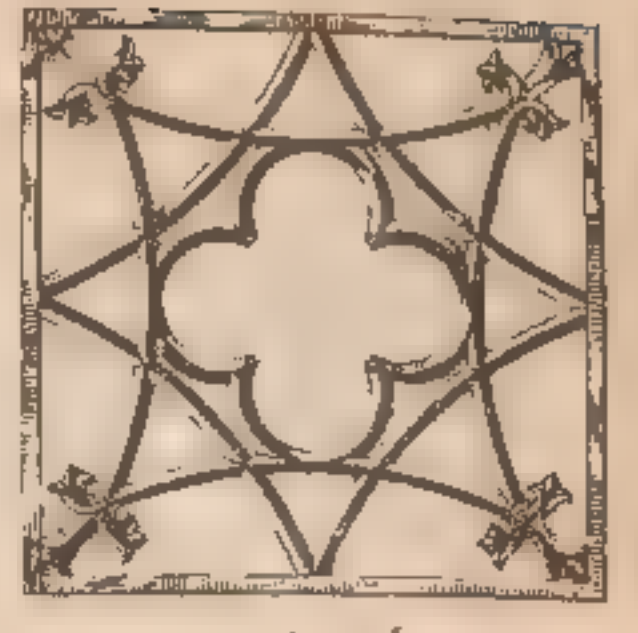
N° 68



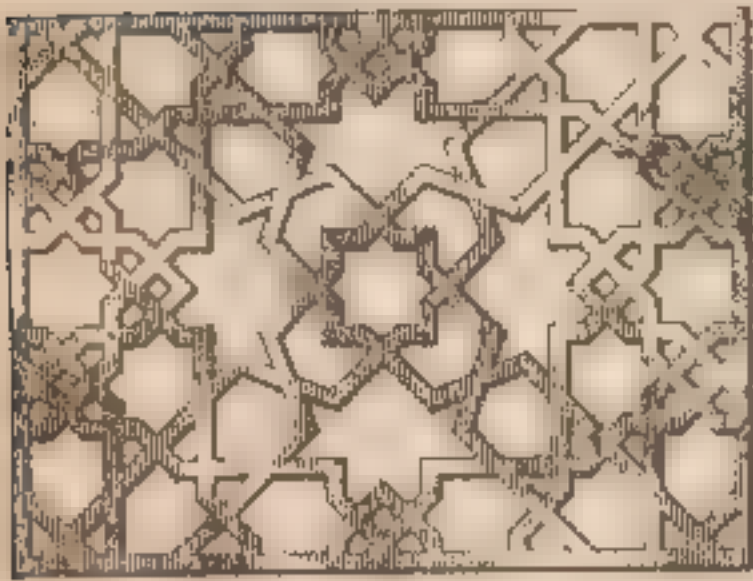
N° 65



N° 138



N° 776



N° 123



N° 24



N° 976



N° 85



N° 419



N° 115



Any size to order.

N° 882



N° 116



Any size to order.

N° 332



FACE

N° 36



N° 33



N° 36 1/2



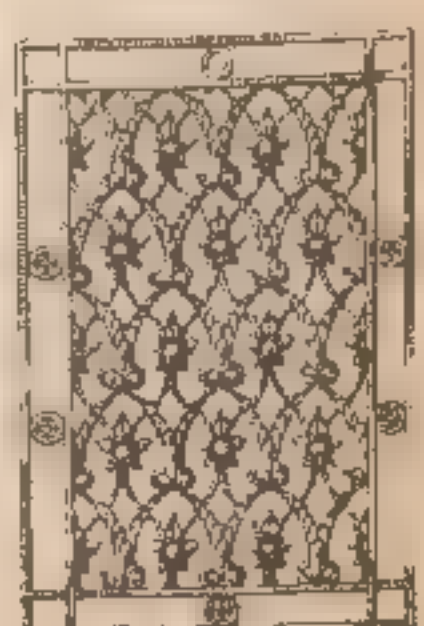
N° 882



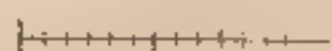
N° 33



N° 882

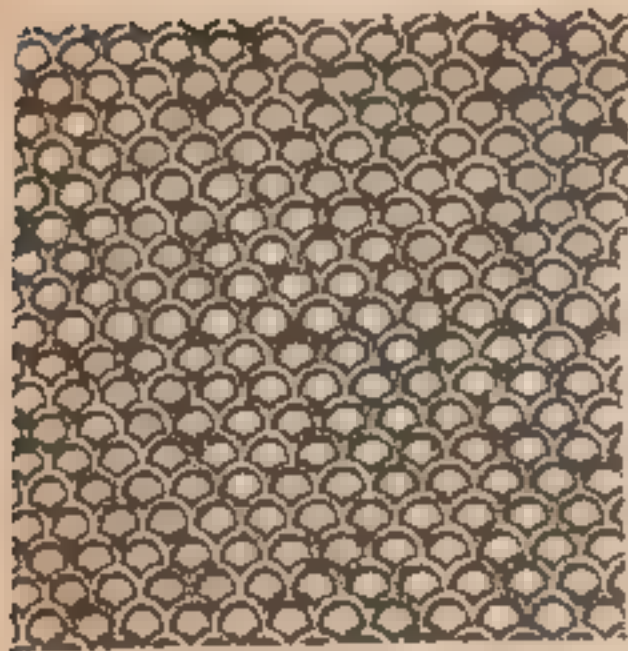


SCALE



4 FEET

Nº 257



Any size to order.

Nº 298



Nº 459



Any size to order.

Nº 397



2' 2 1/2"

Nº 185



1' 1 1/2"

Nº 83



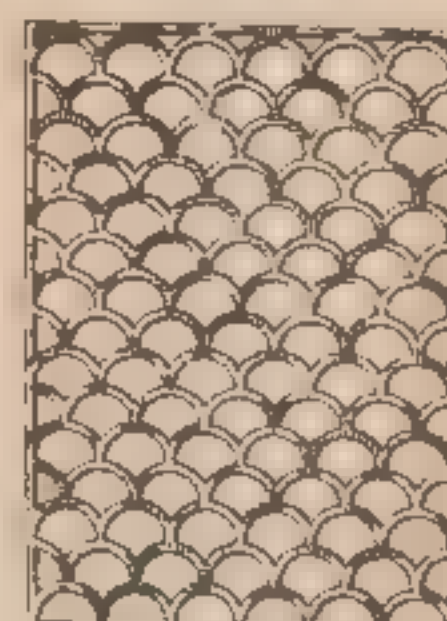
1' 9"

Nº 182



1' 1/4"

Nº 257



1' 7 1/4"

Nº 186



1' 6"

Nº 976



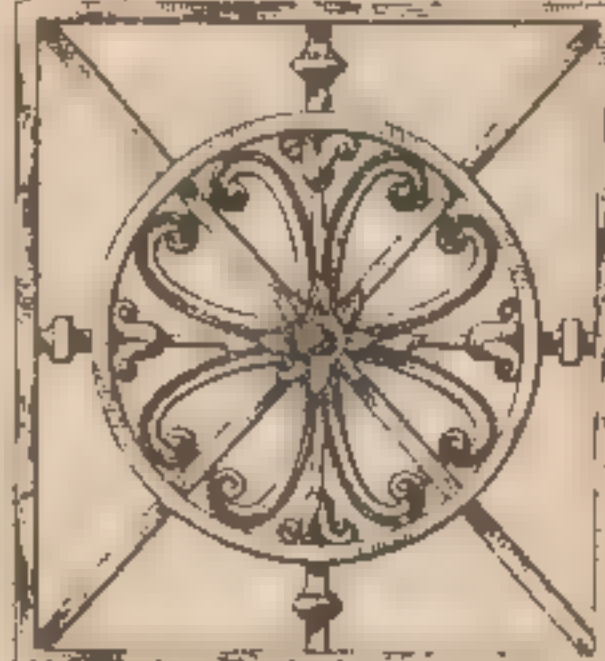
1' 1"

Nº 97



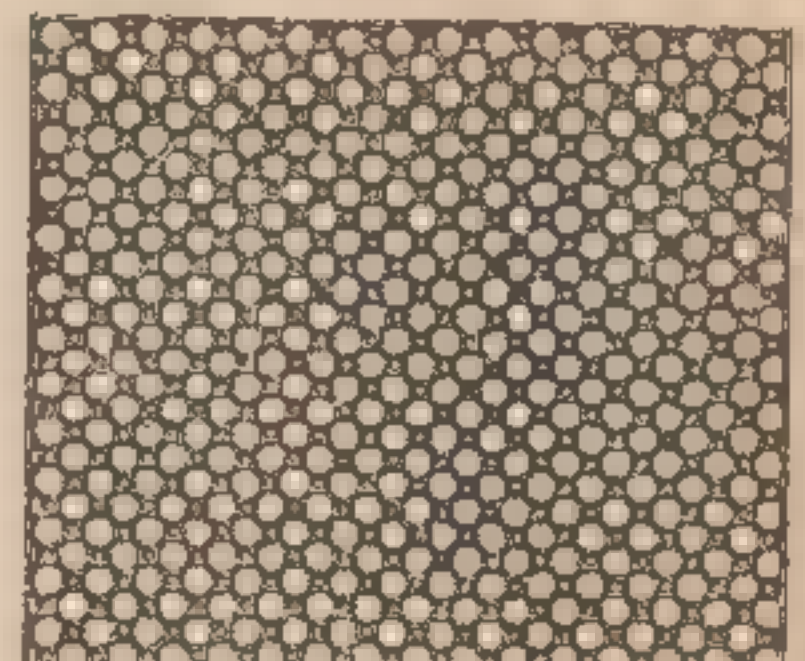
4' 1"

Nº 132



2' 3"

Nº 337



2' 10" FACE

Nº 779



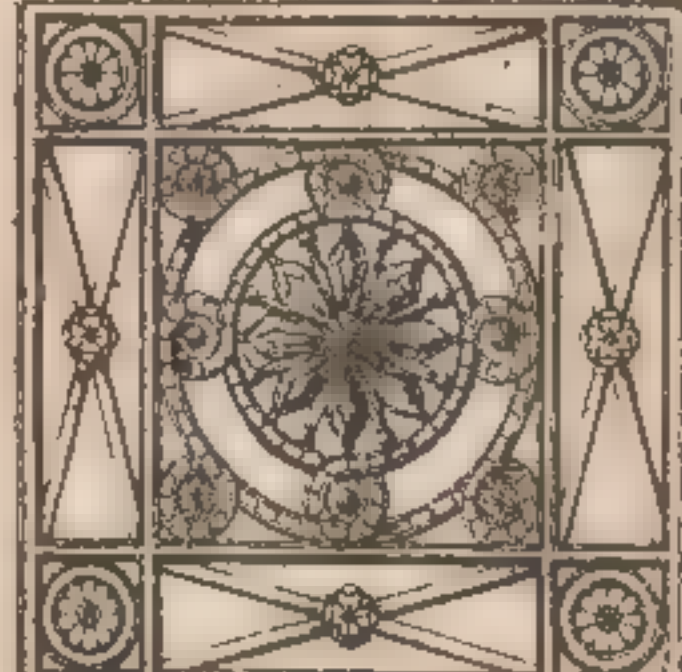
9 1/4"

Nº 81



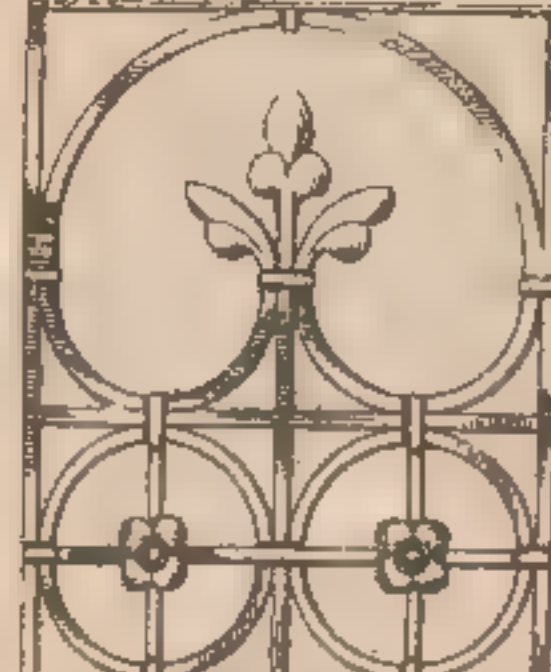
1' 11"

Nº 53



2' 7"

Nº 458



2' 0 1/4"

Nº 106



1' 5 1/4"

Nº 882



1' 6"

Nº 209



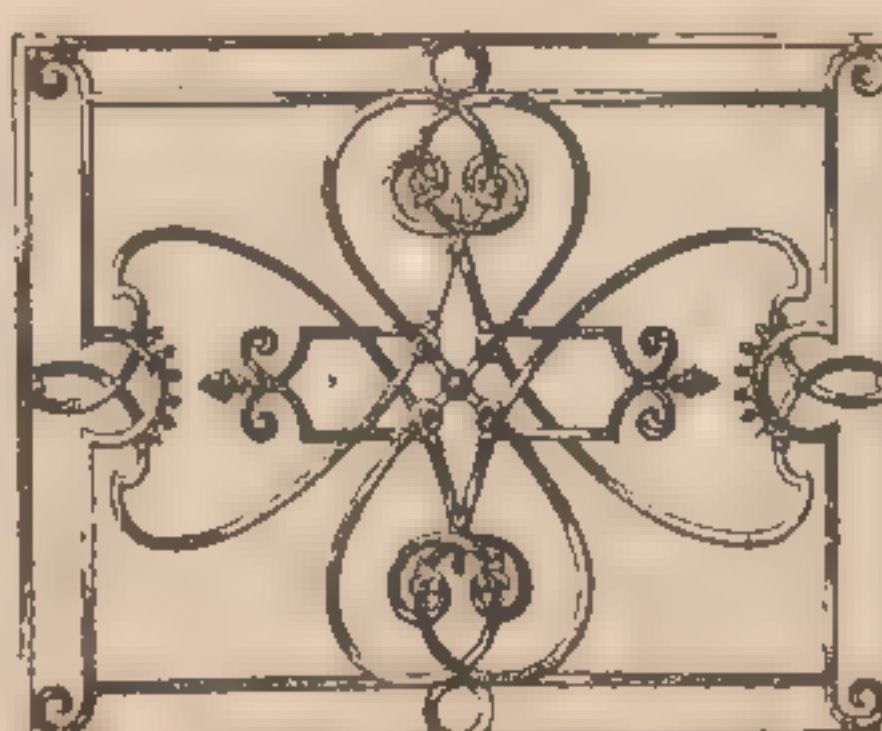
1' 0"

Nº 882



2' 7 1/2"

Nº 875



3' 4 1/2"

Nº 994



1' 2"

Nº 213



1' 0 1/4"

SCALE

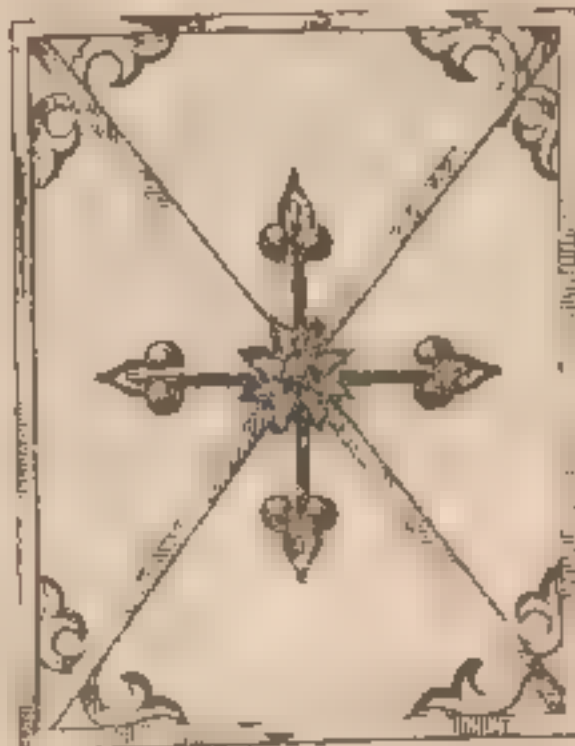


N° 437



5' 0"

N° 209



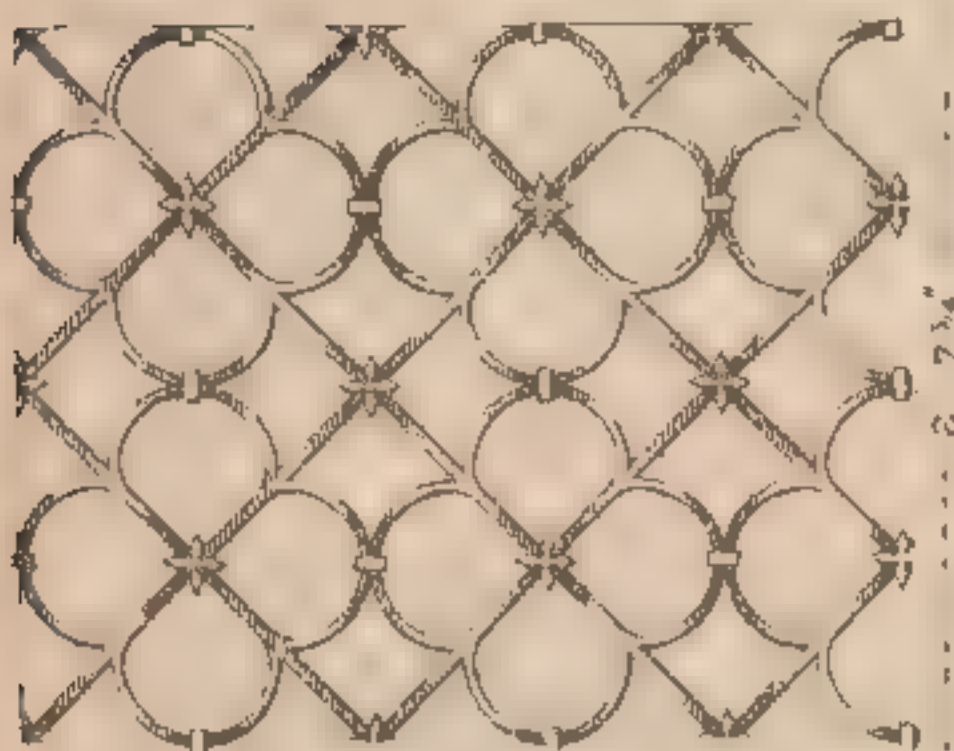
2' 8"

N° 201



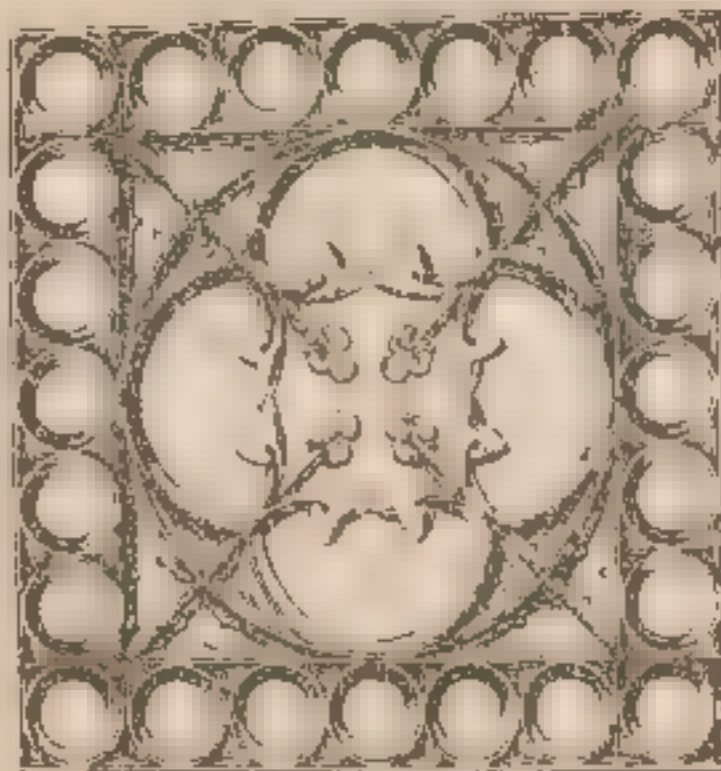
3' 6"

N° 358



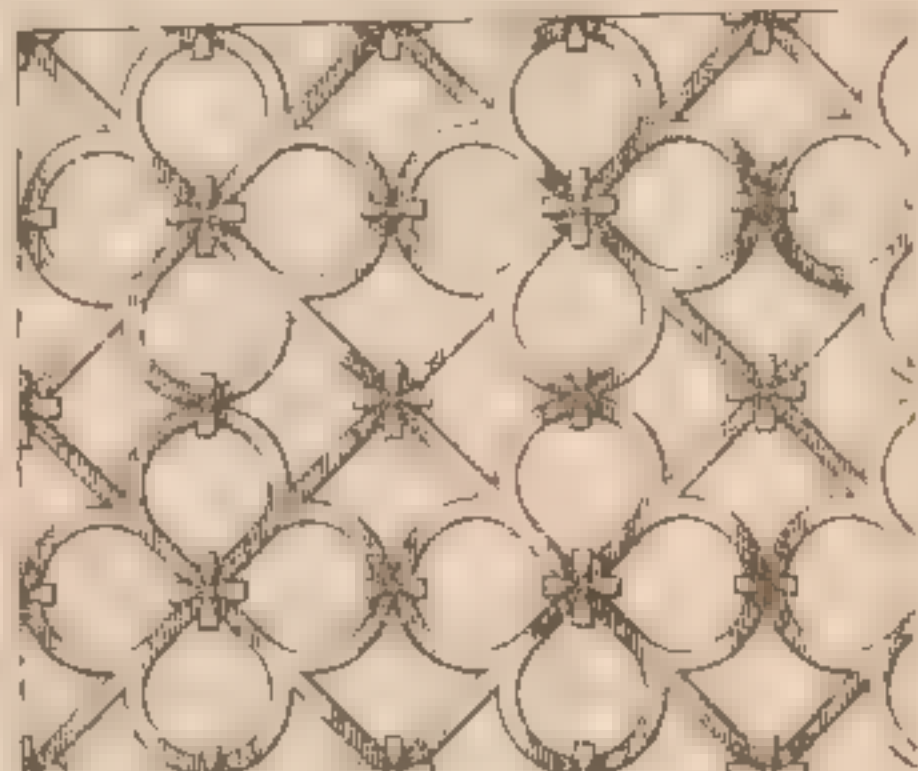
Any size to order.

N° 23



2' 9"

N° 418



Any size to order

N° 105



0"

N° 250



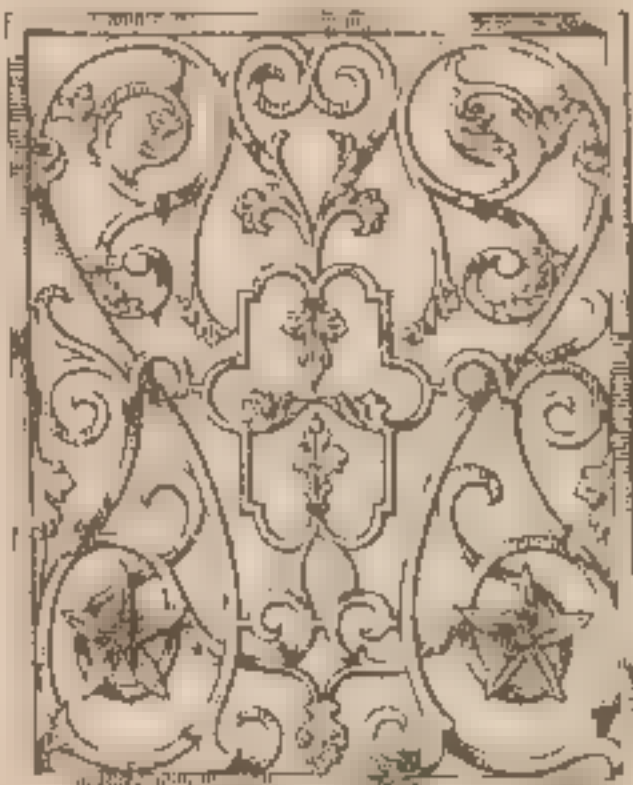
1' 8"

N° 129



8 1/2"

N° 129



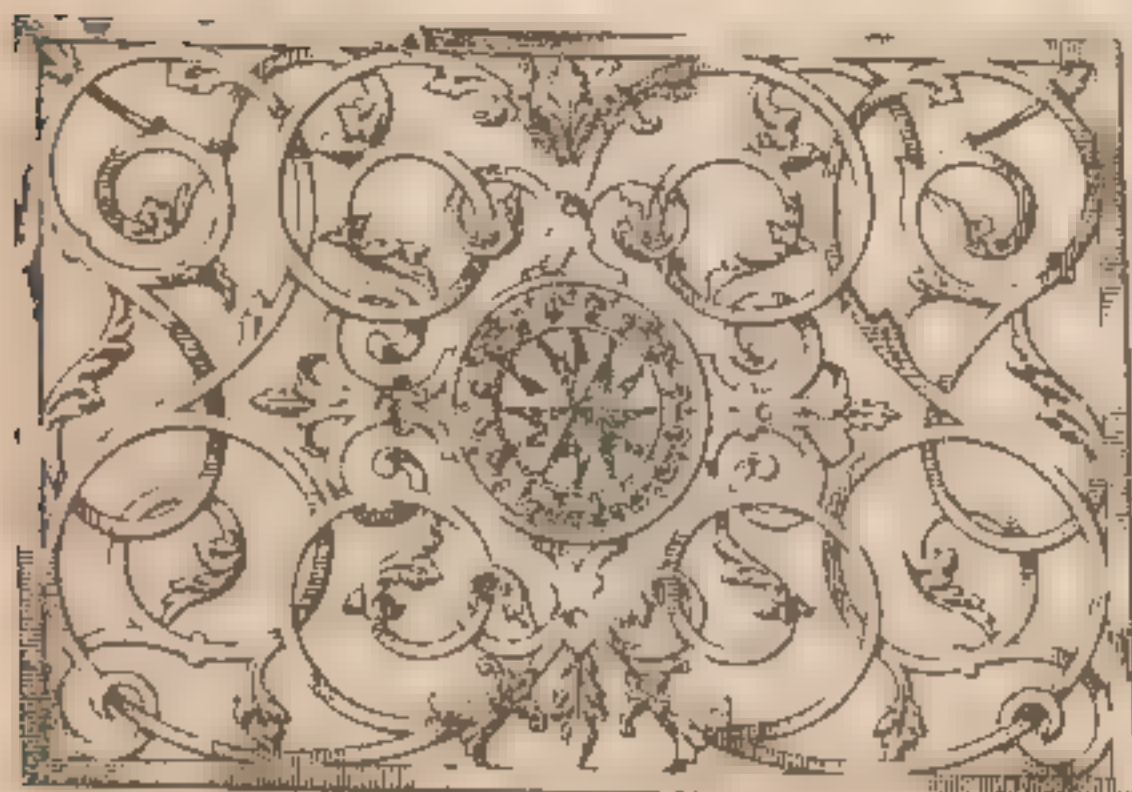
2' 4"

N° 129



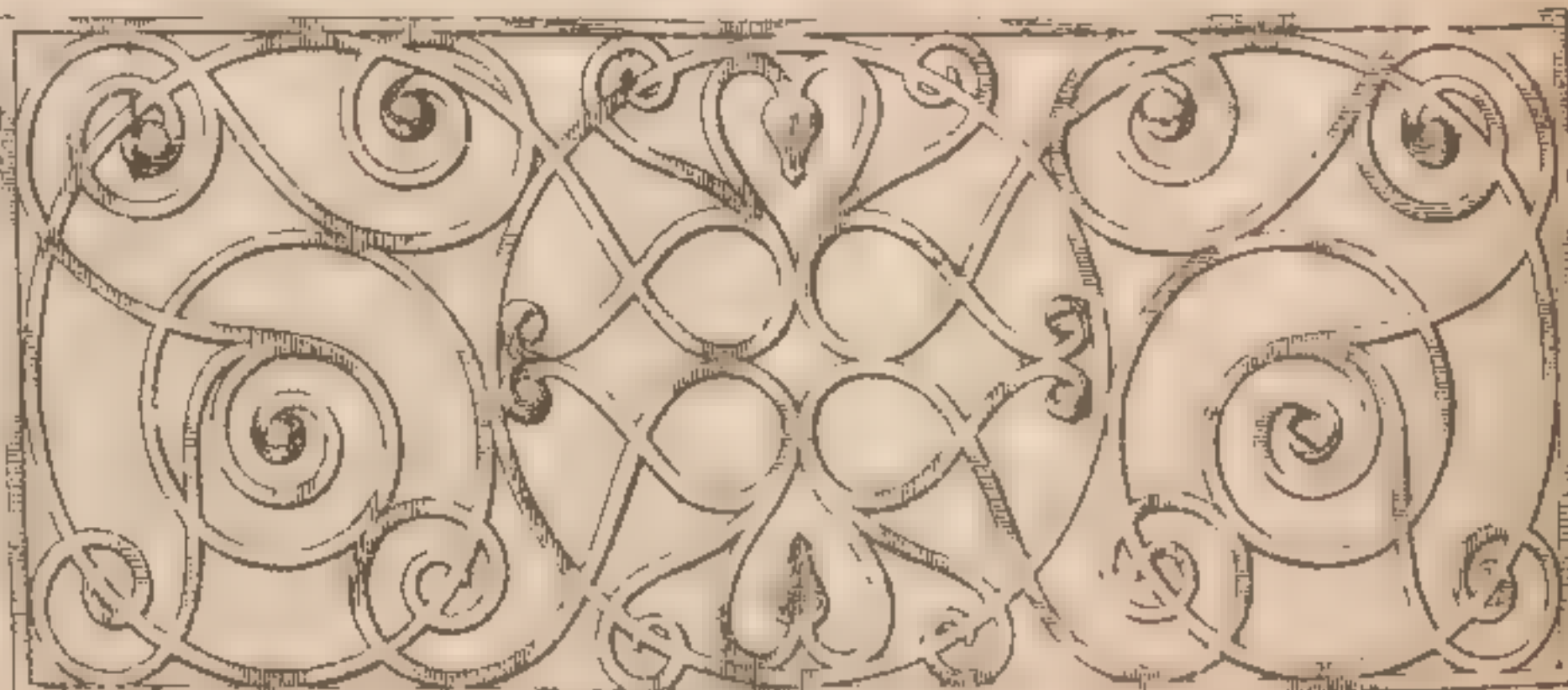
3' 1 1/4"

N° 120



4' 0"

N° 137

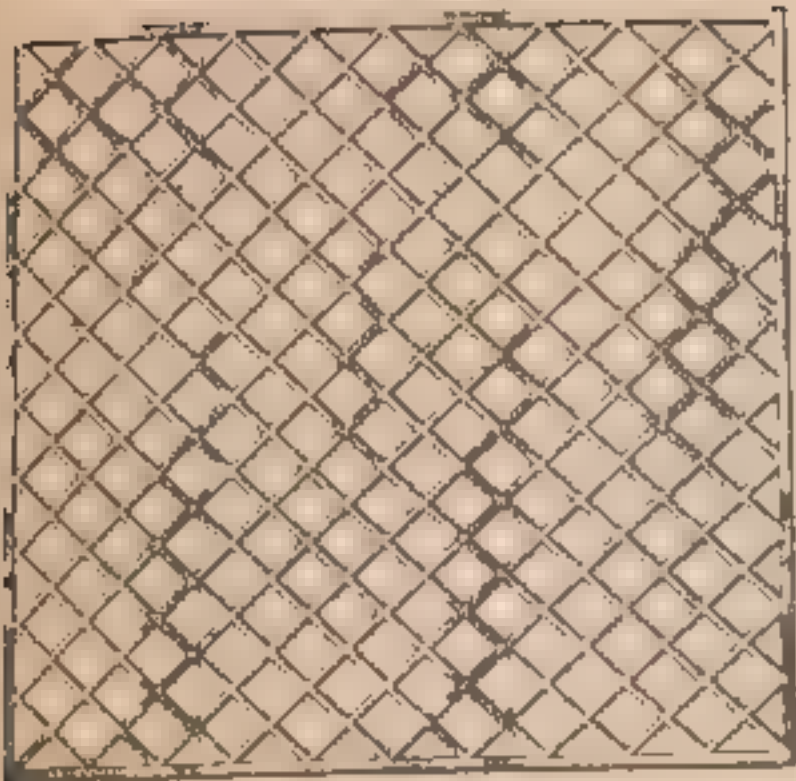


7' 0"

SCALE

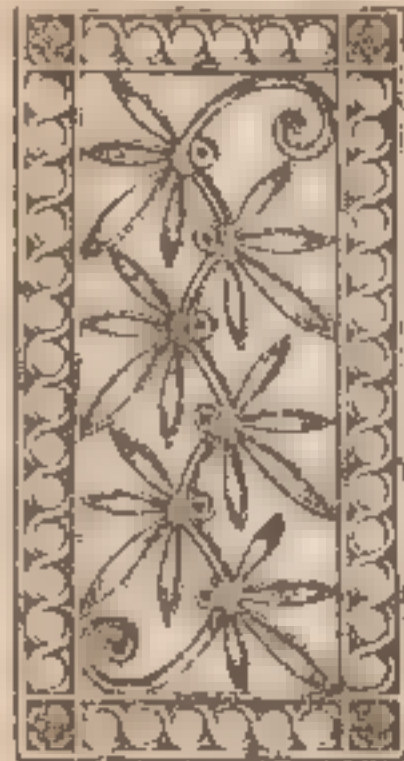


Nº 286



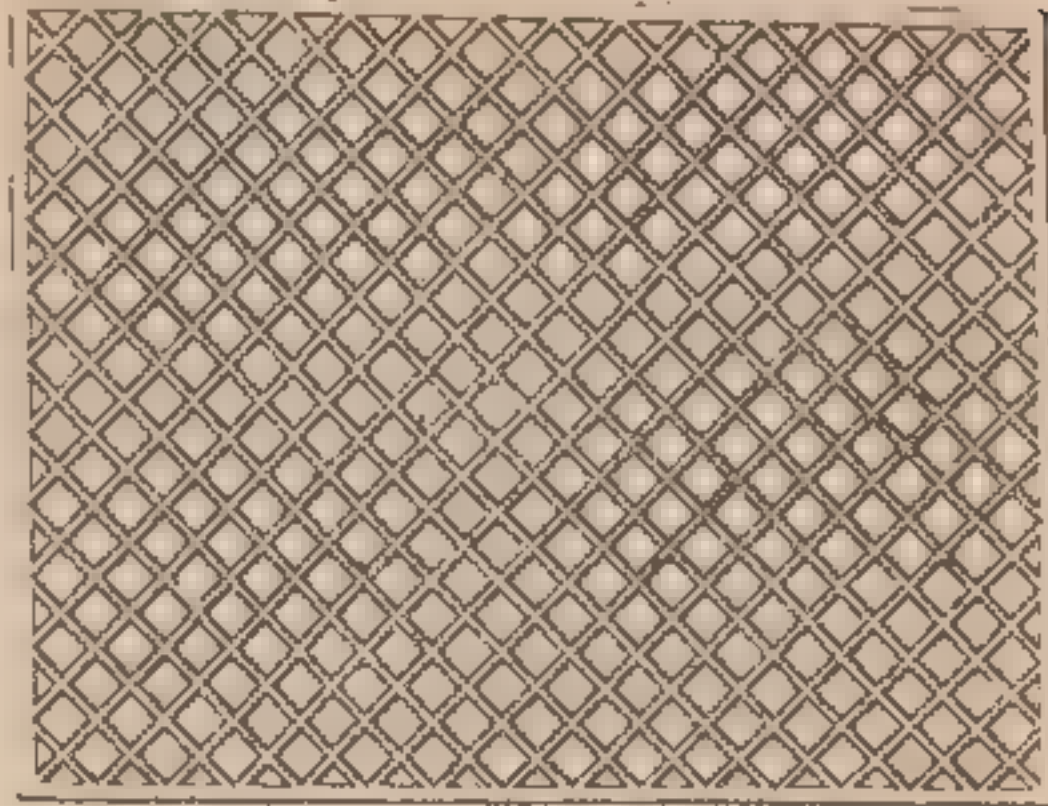
3' 4"

Nº 976



6"

Nº 235



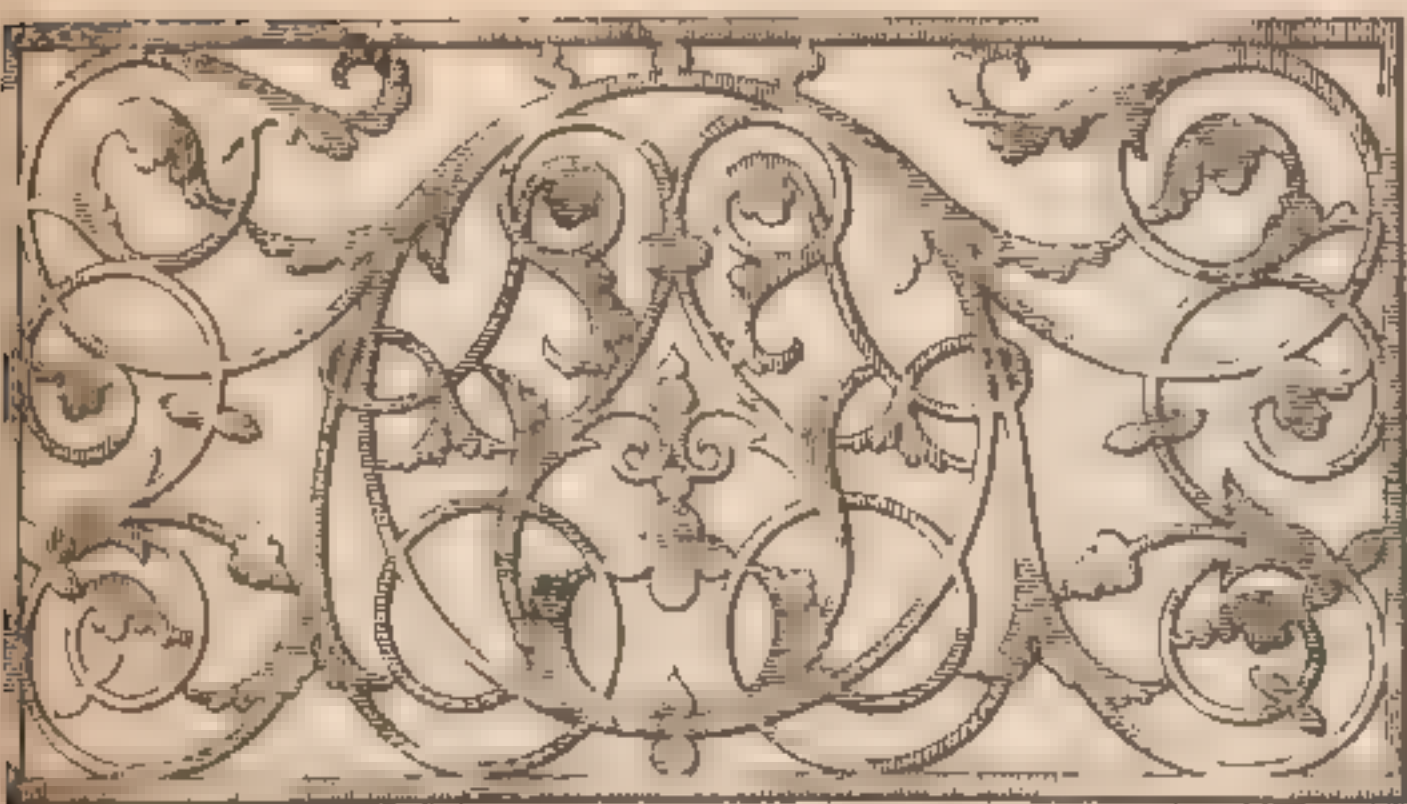
4' 0"
FACE

Nº 230



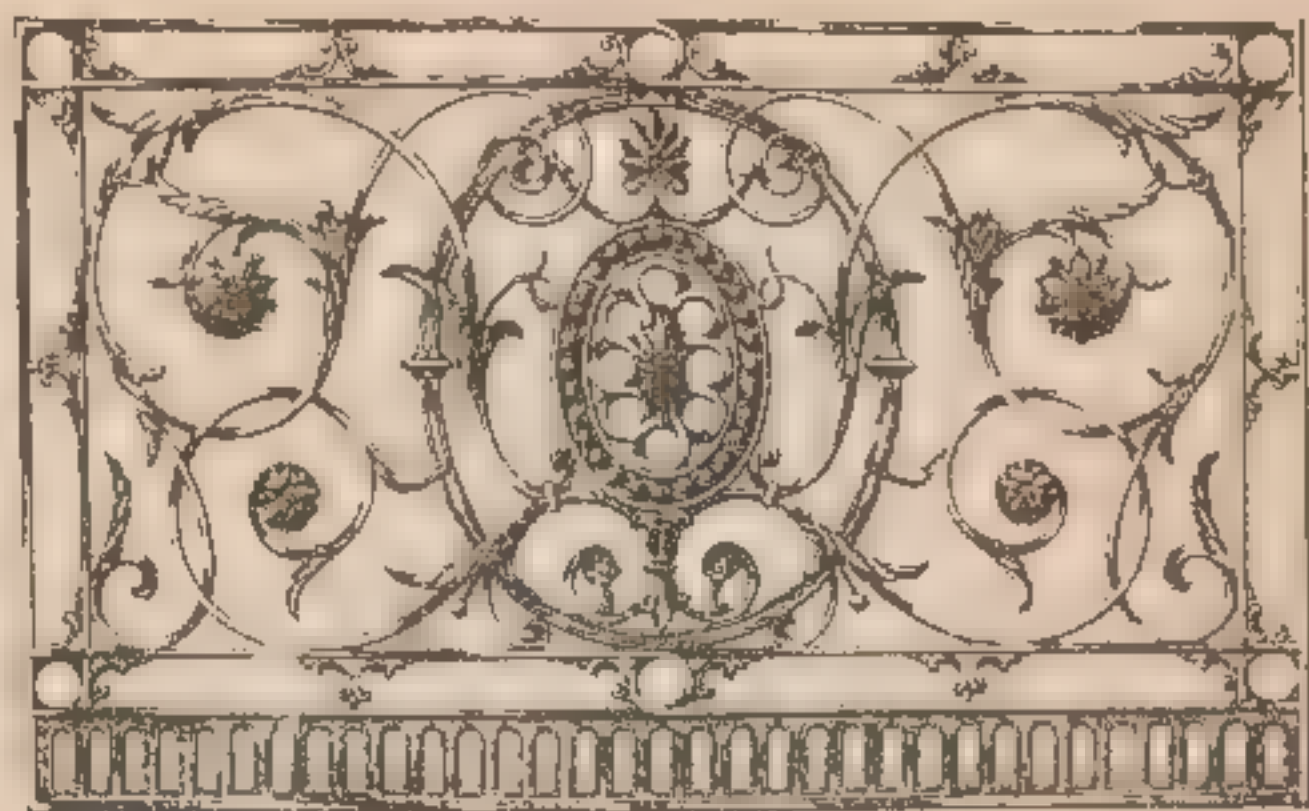
2' 0 1/4"

Nº 236



5' 6"

Nº 437



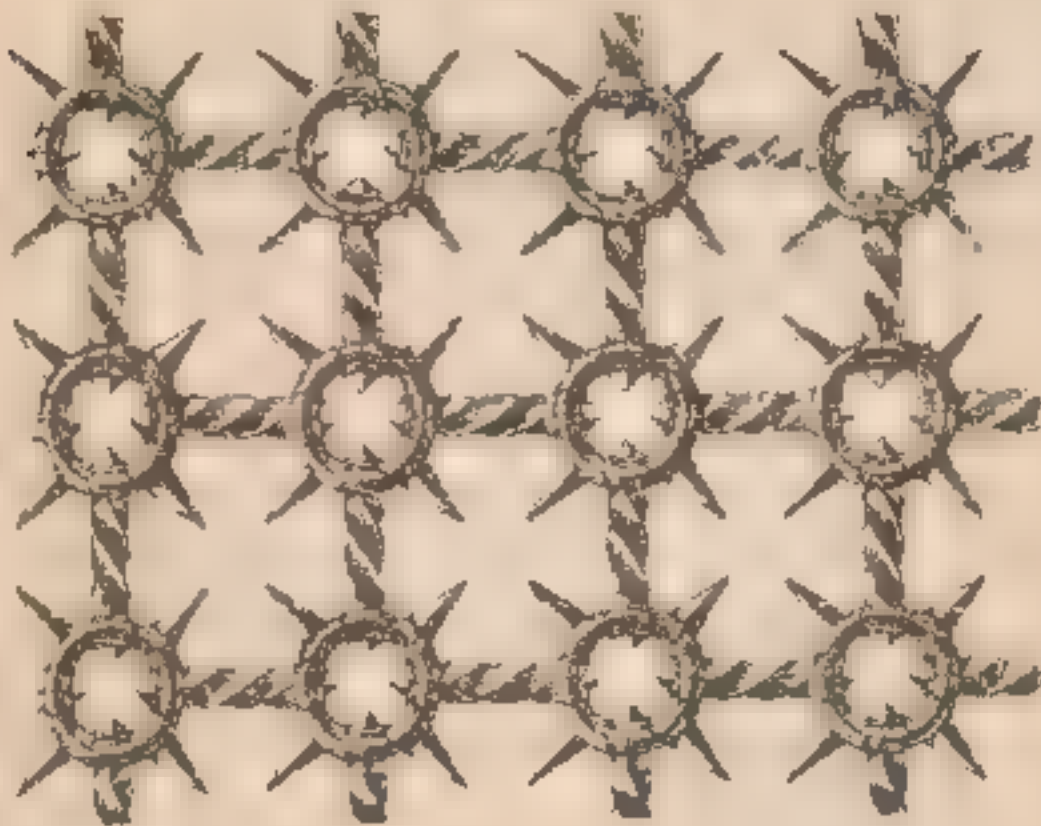
5' 0"

Nº 230



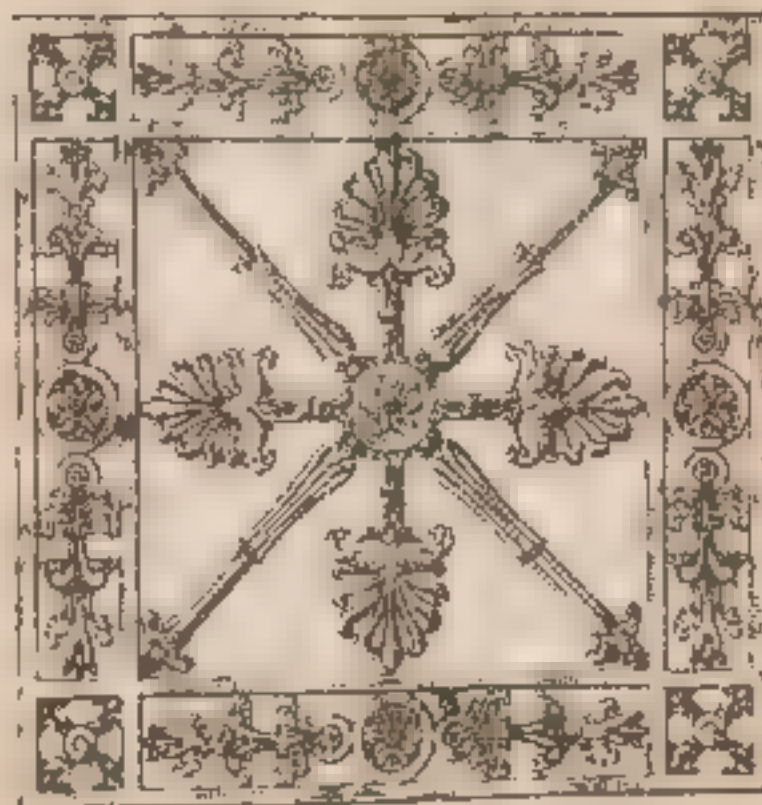
0"

Nº 74



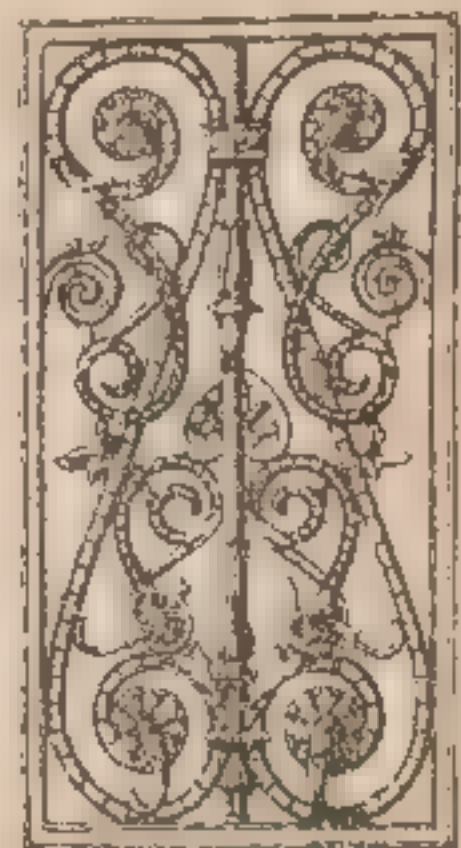
ANY SIZE to order

Nº 24



2' 3/4"

Nº 63



8"

Nº 882



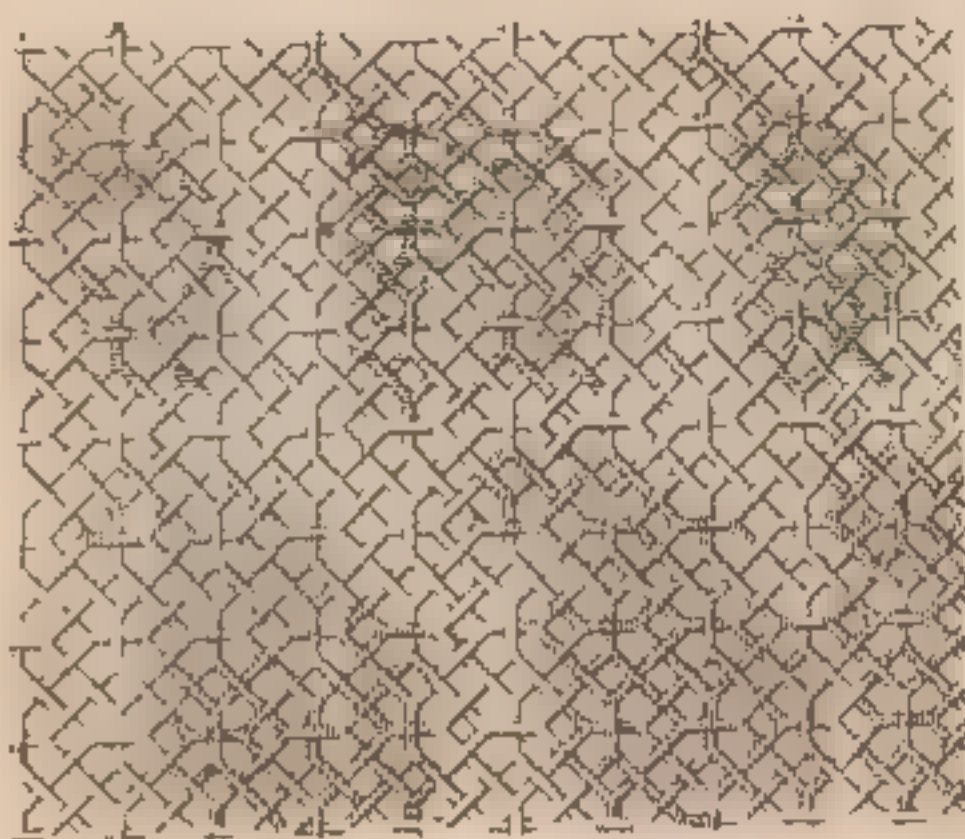
6"

Nº 882



2' 11 1/4"

Nº 18



ANY size to order.

Nº 978



3' 0" CENTRES -

Nº 882

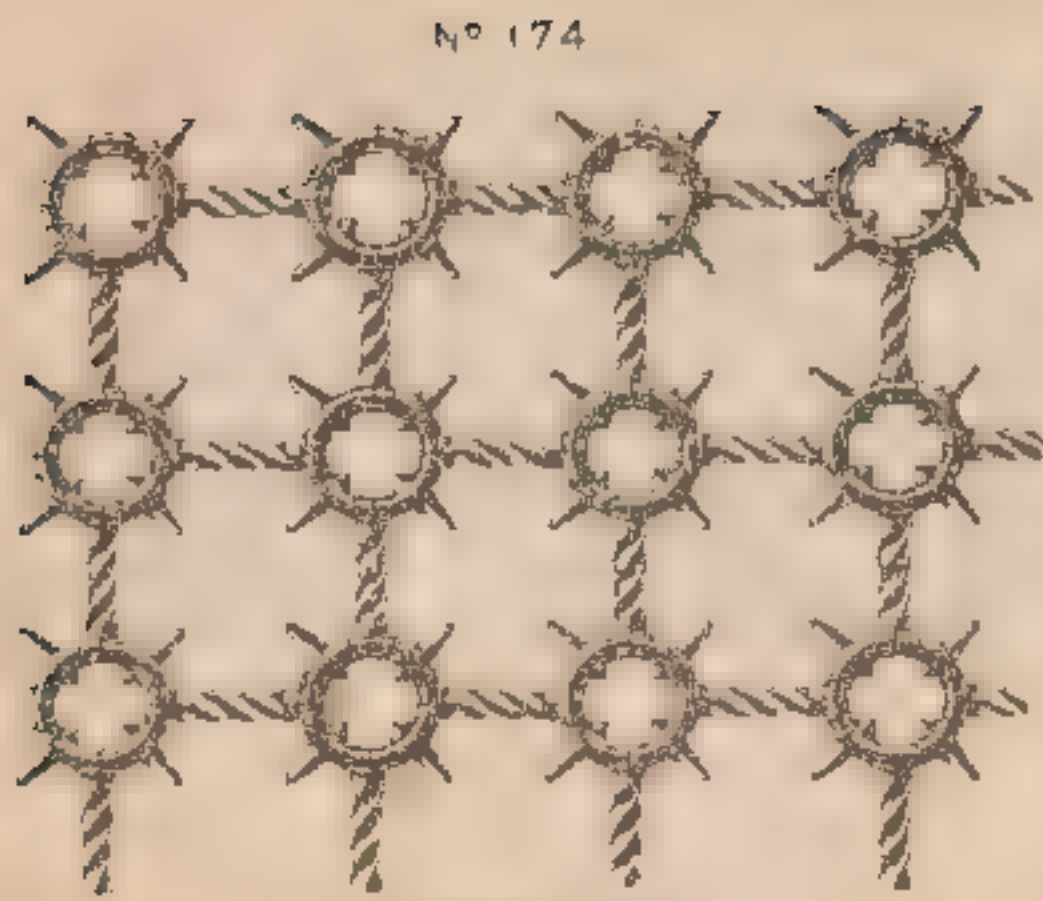


6"

SCALE

1" = 1'

4 FEET



Any size / order



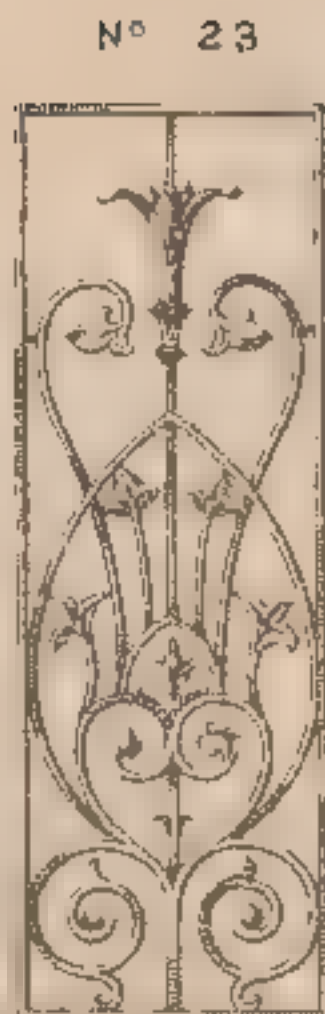
3 3/4"



2 6 1/2"



9

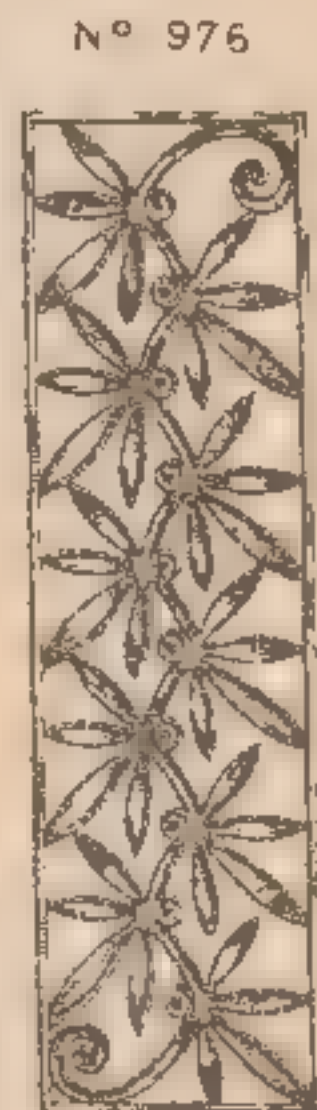


3 6"

1 1/4"



5 6"



3 9"



3 6"



1 4 1/2"



3 2"

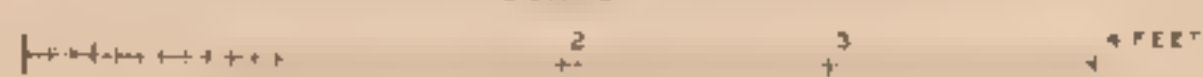


6"



8

SCALE



Nº 230



1' 0"

Nº 1000



1' 6"

Nº 976



1' 6"

Nº 1000



8"

Nº 230



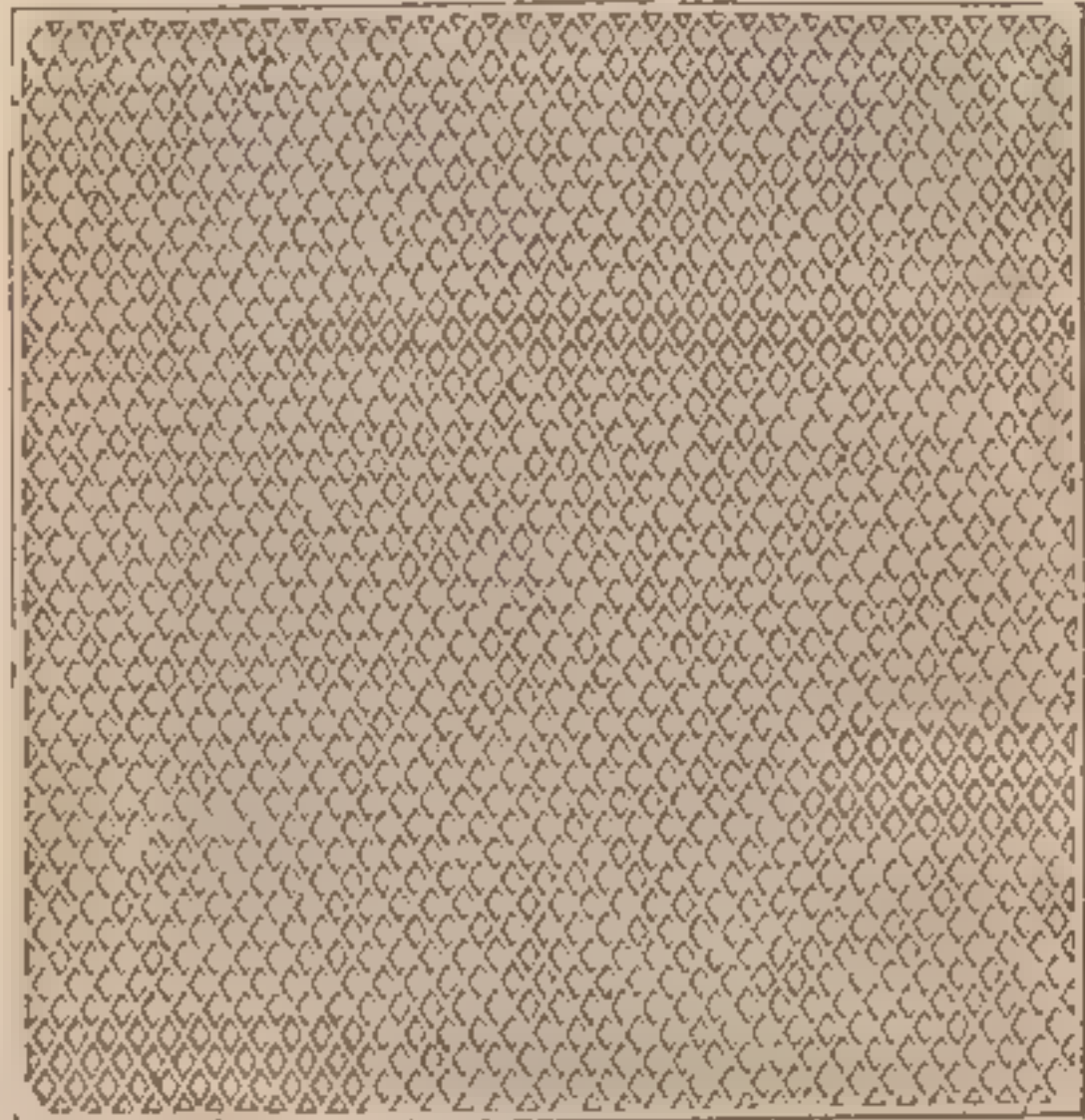
6"

Nº 230



1' 0"

Nº 346



4 1/2"

Nº 230



1' 4"

7 0 1/2"

Nº 963



1' 9 1/2"

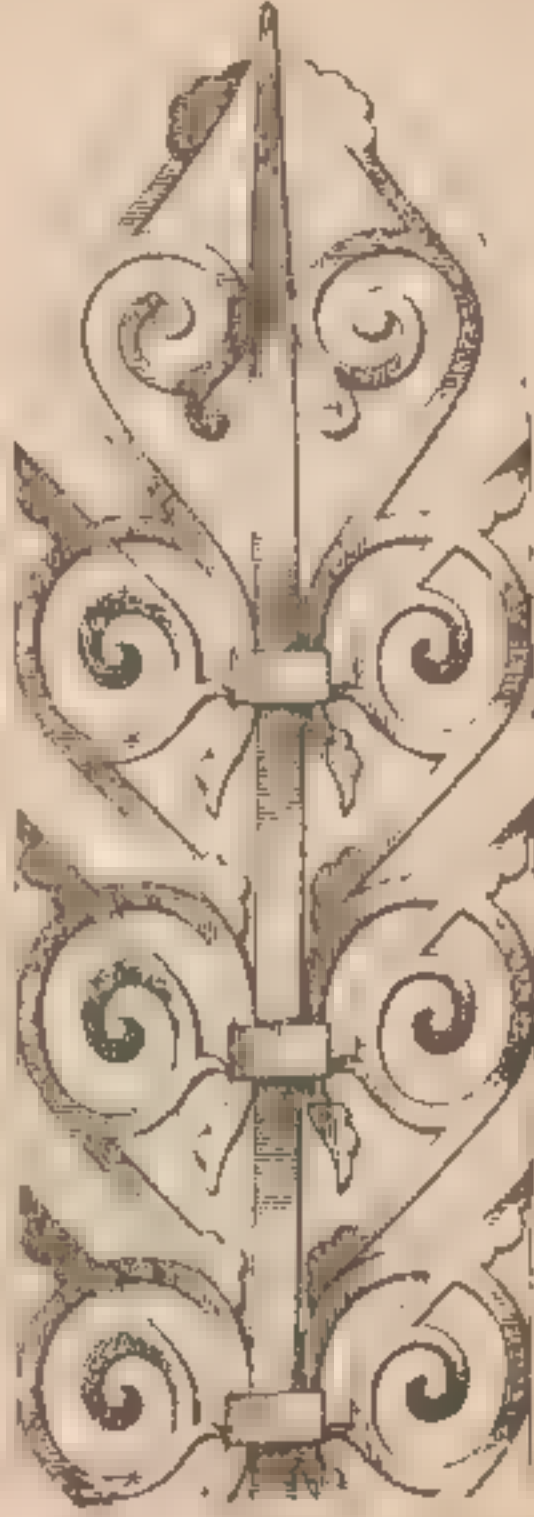
FACE

Nº 106



1' 5 1/2"

Nº 1000



2' 0"

Nº 1121



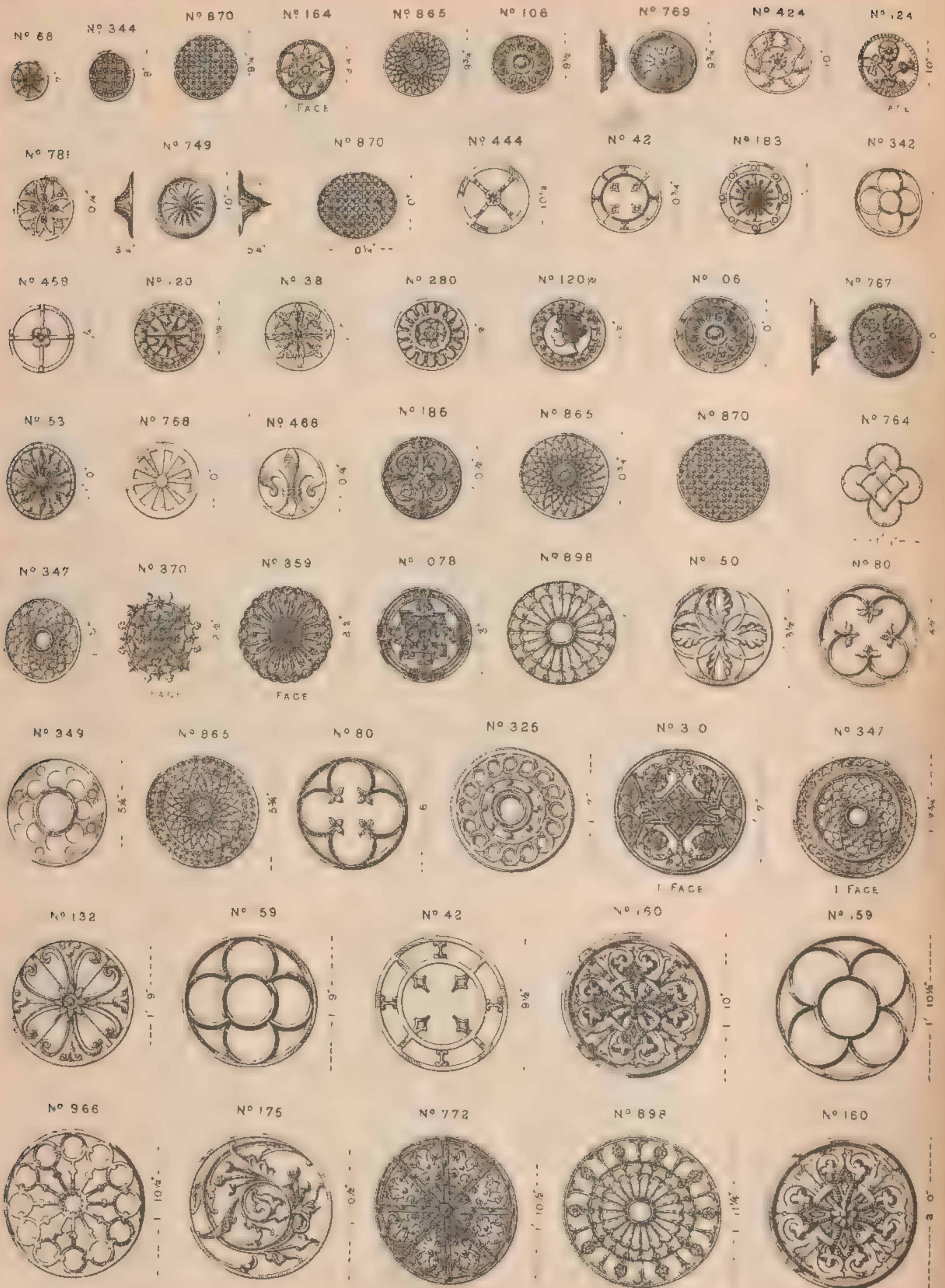
8 13/4"

SCALE

2

3

4 FEET



Nº 1072



2' 1 1/2"

Nº 880



6' 0"

Nº 280



2' 1 1/2"

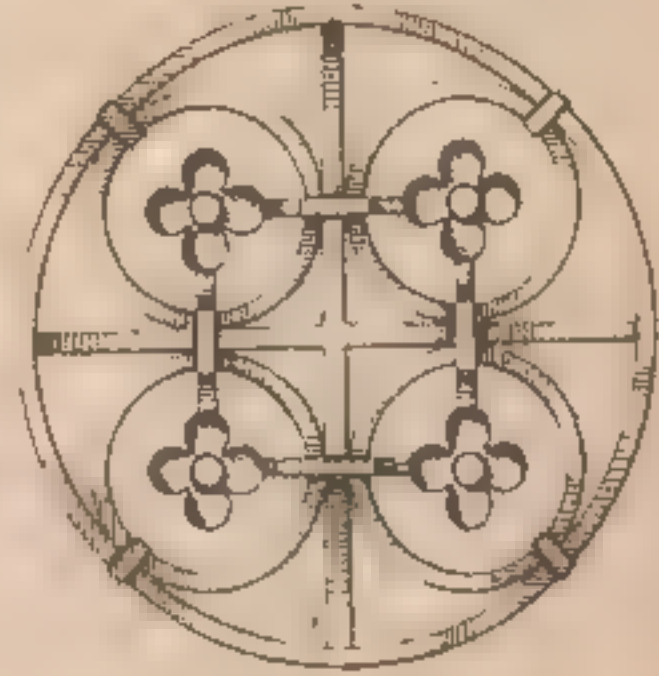
Nº 347



2' 3 1/4"

1 FACE

Nº 460



2' 7"

Nº 911



4' 0 3/4"

Nº 280



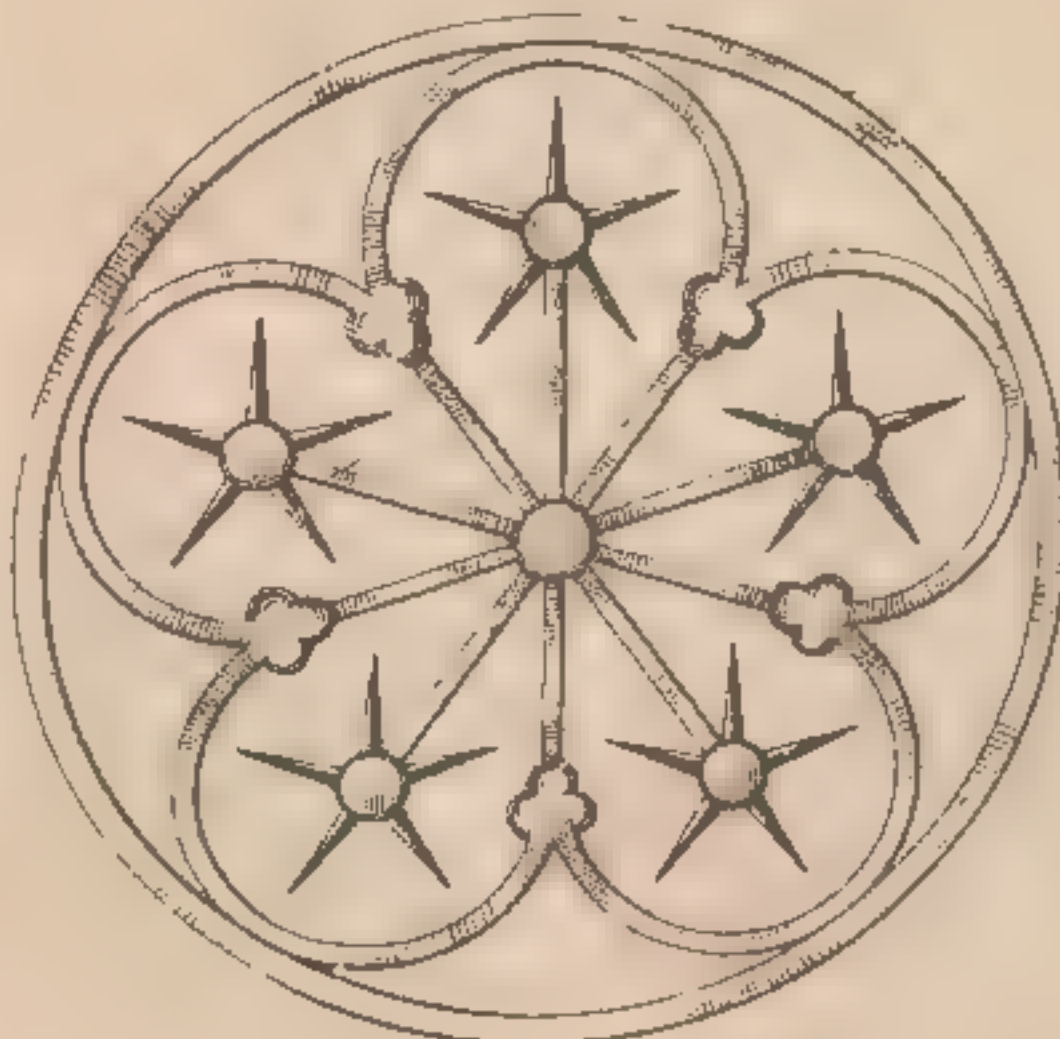
2' 6 1/4"

Nº 347



3' 10 1/4"

Nº 216



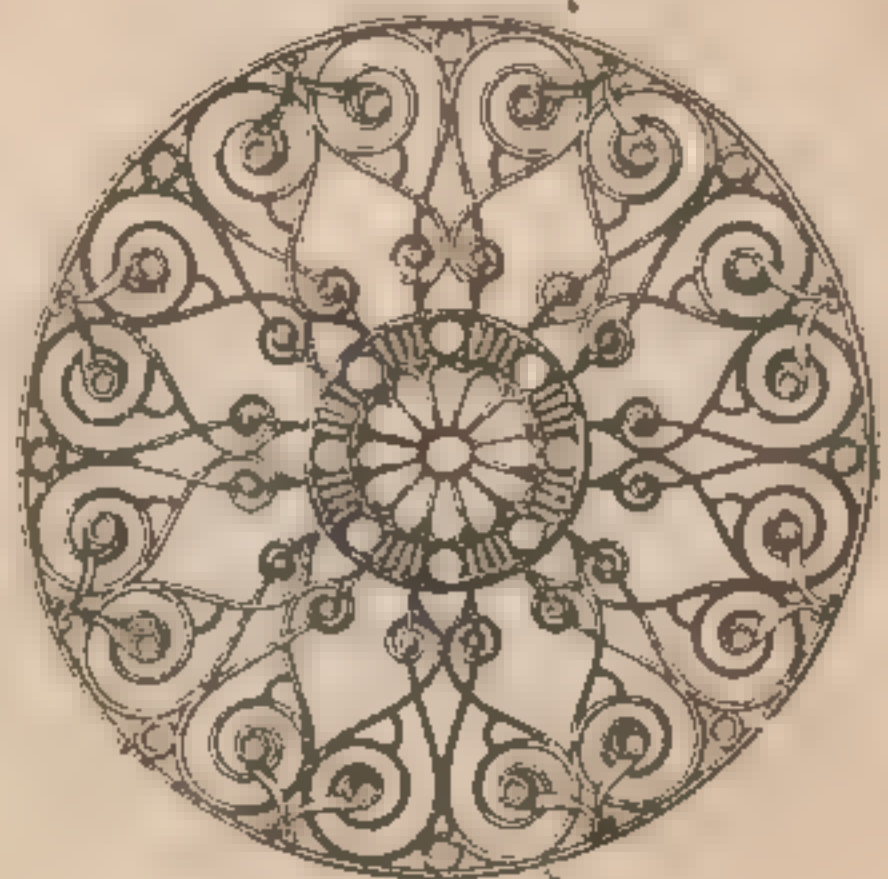
4' 0"

Nº 347



3' 1"

Nº 911

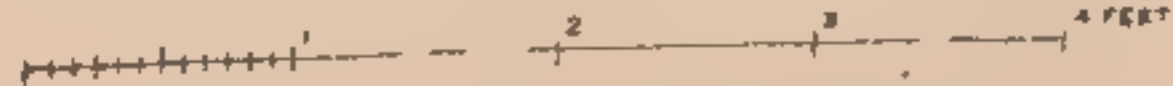


3' 4 3/4"

1 FACE

1 FACE

SCALE



Nº 772



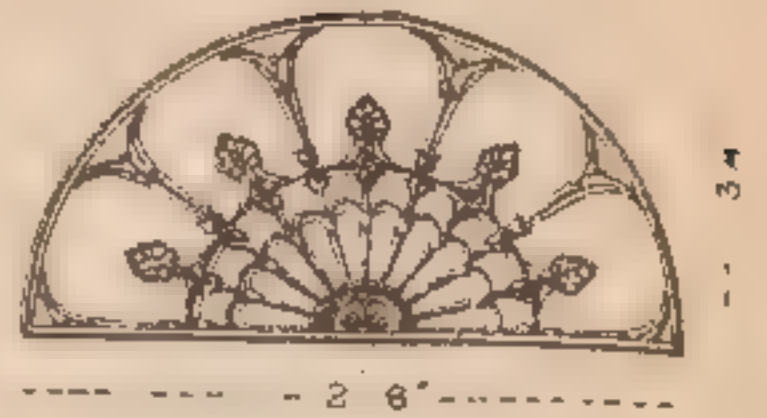
Nº 68



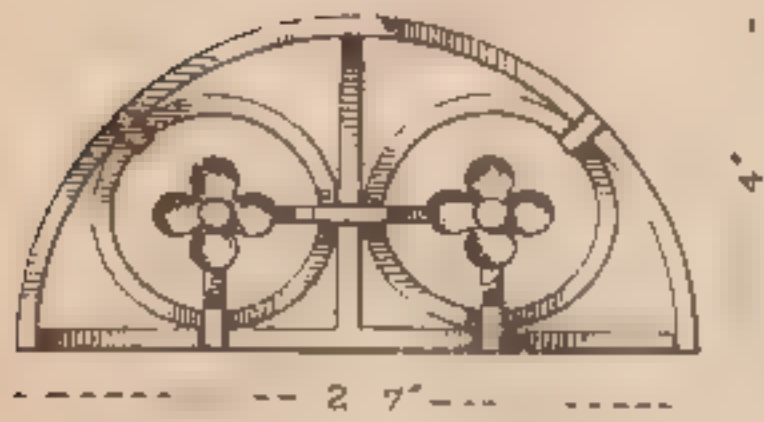
Nº 347



Nº 898



Nº 460



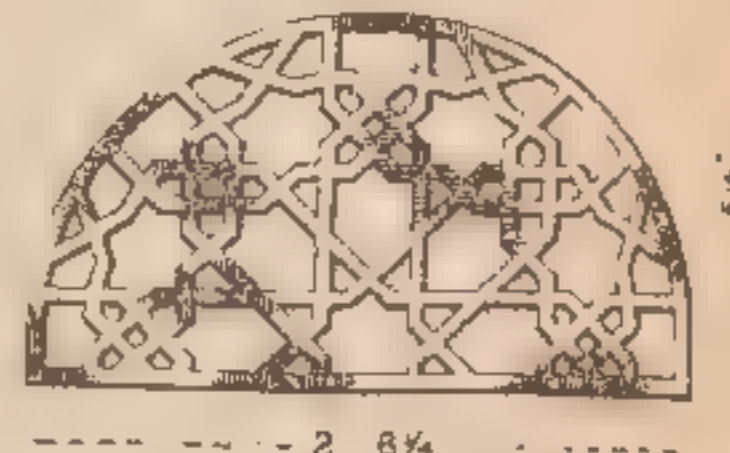
Nº 280



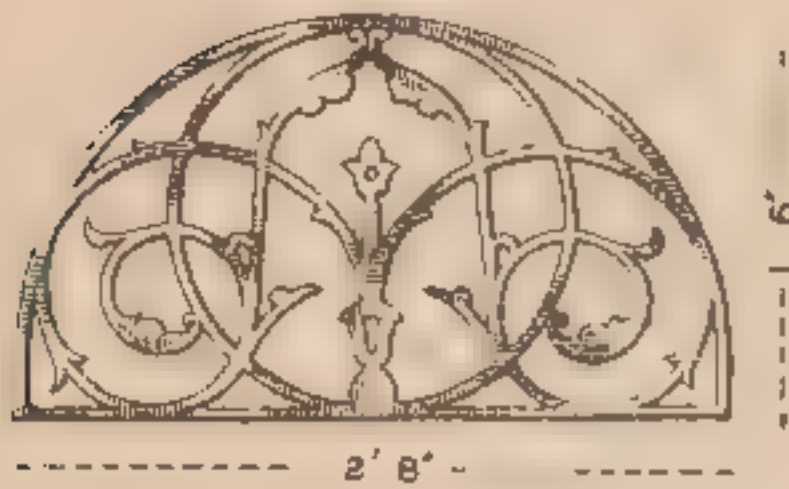
Nº 68



Nº 776



Nº 221



Nº 347

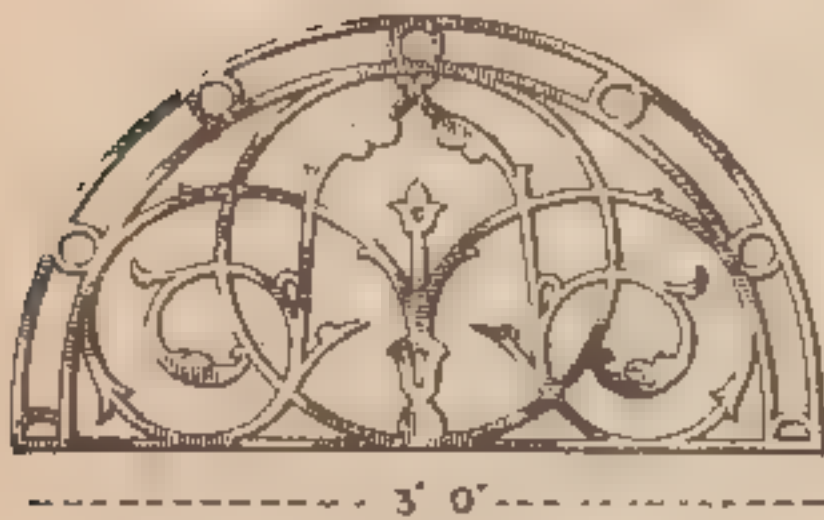


Nº 771



Nº 151

Nº 22



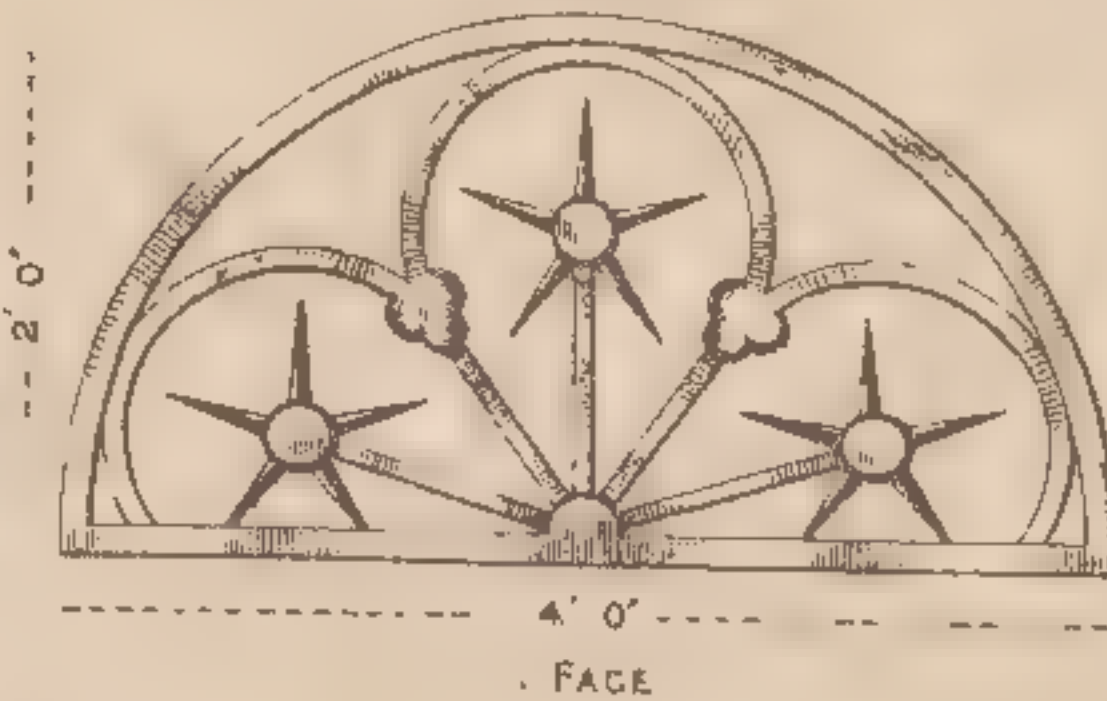
Nº 911



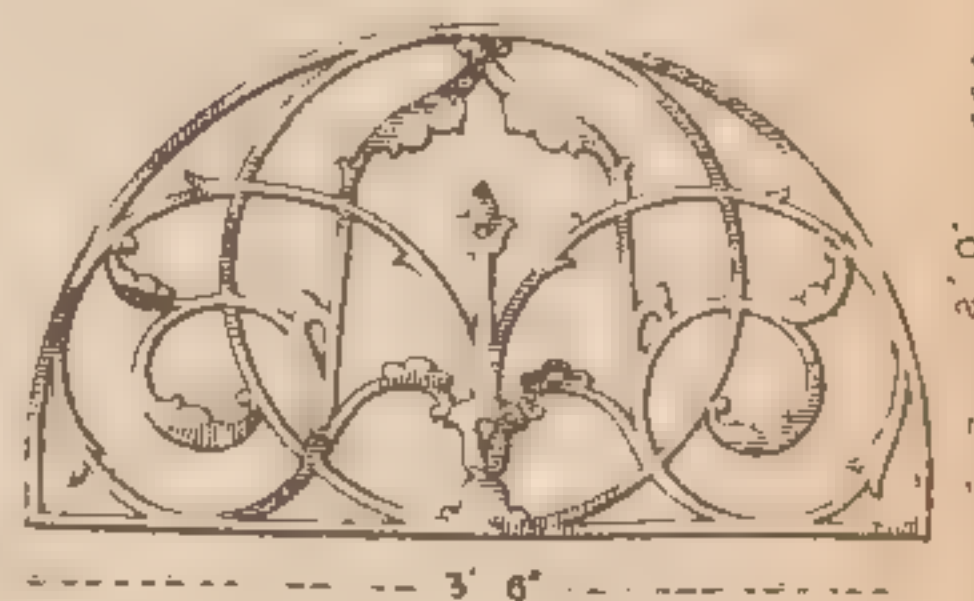
Nº 347



Nº 216



Nº 22



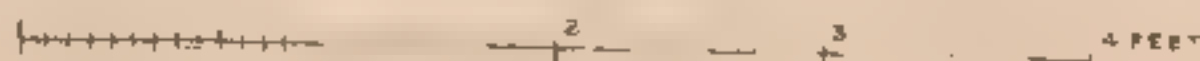
Nº 365



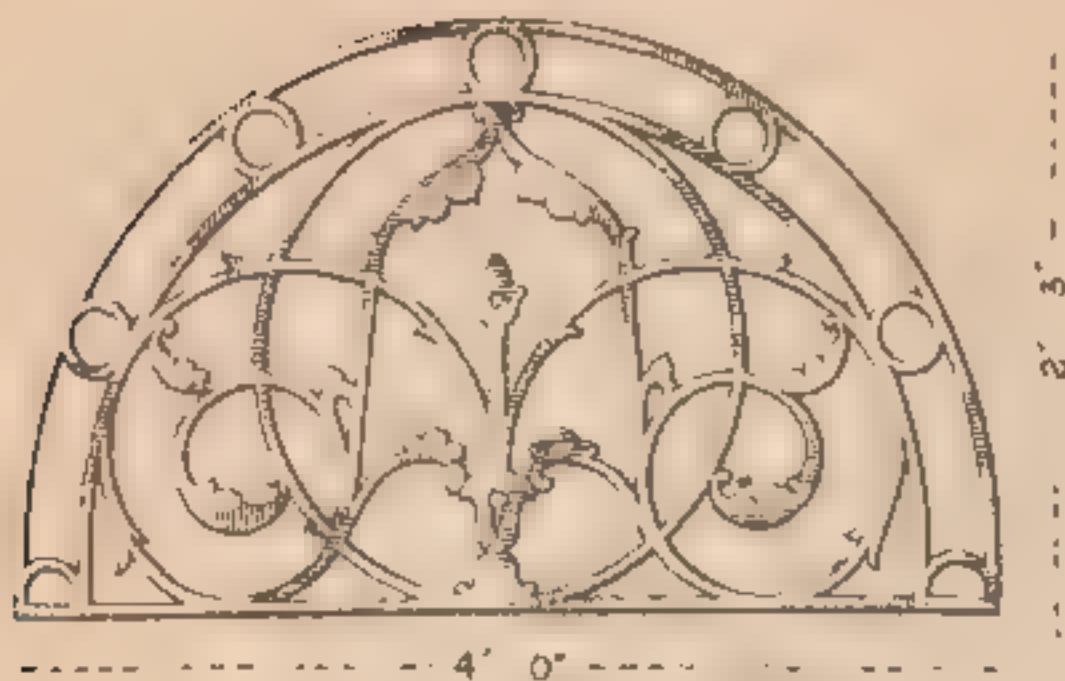
Nº 911



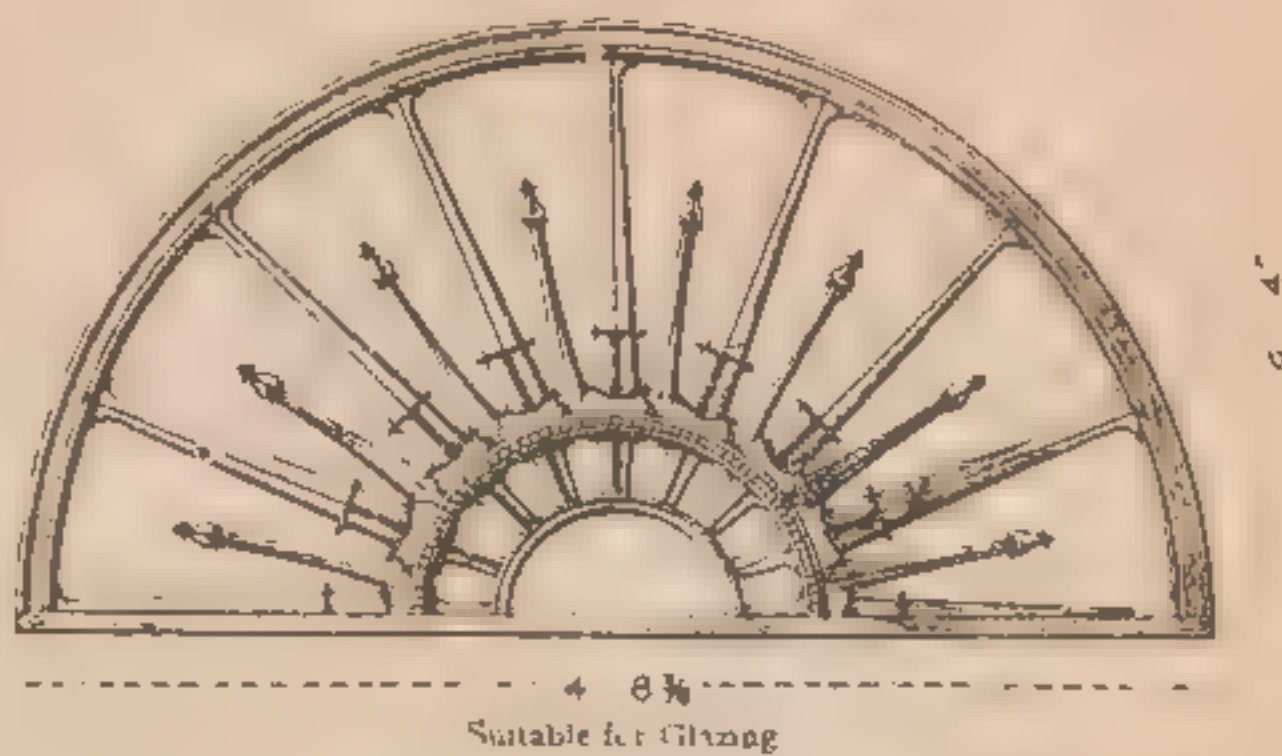
SCALE



Nº 22



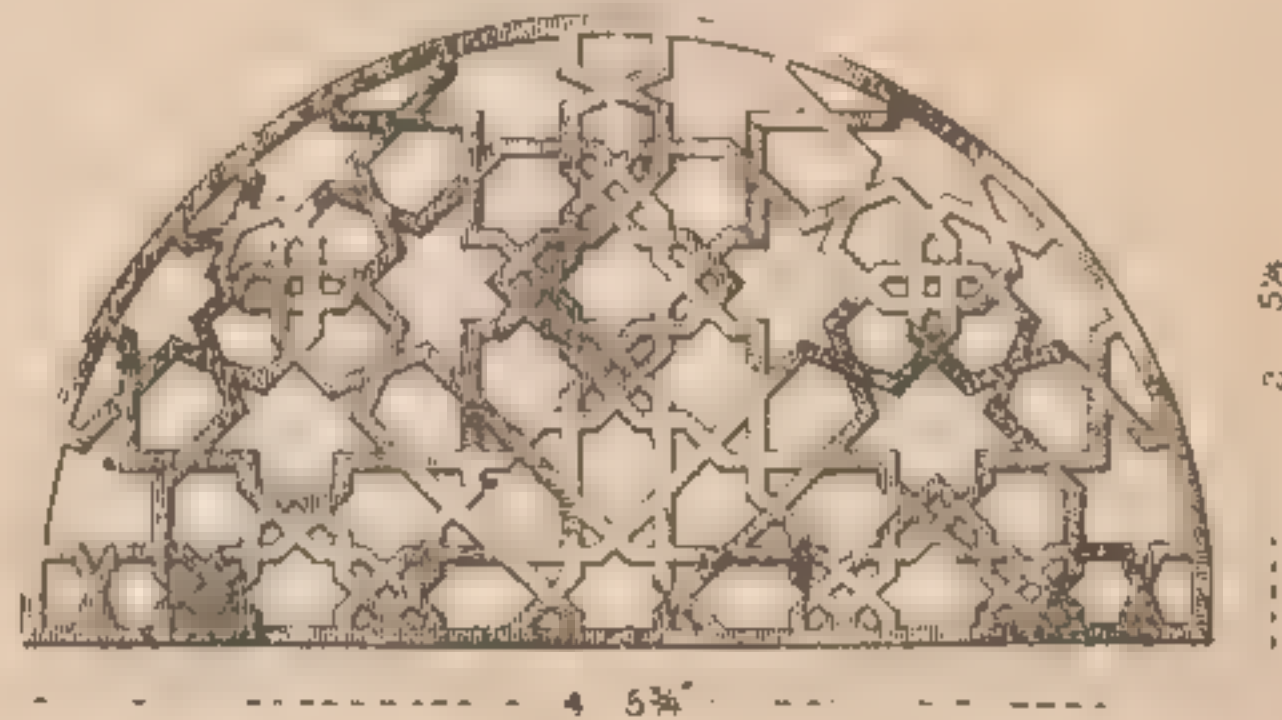
Nº 993



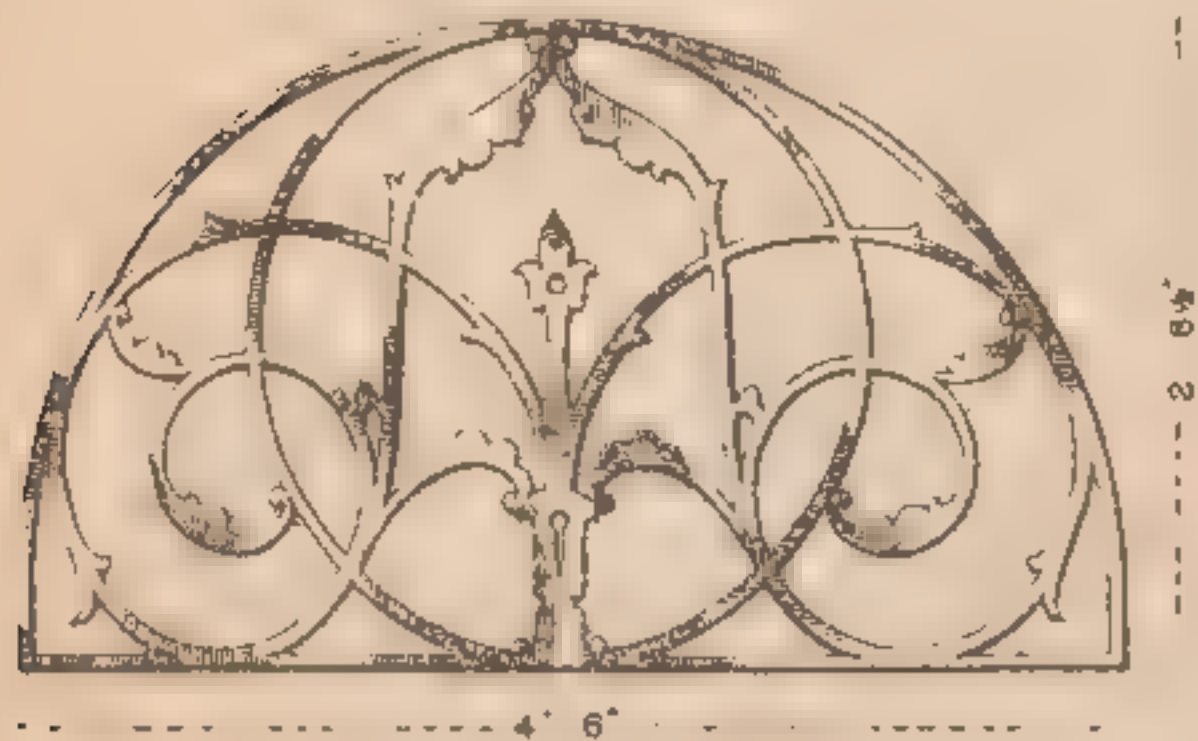
Nº 237



Nº 776



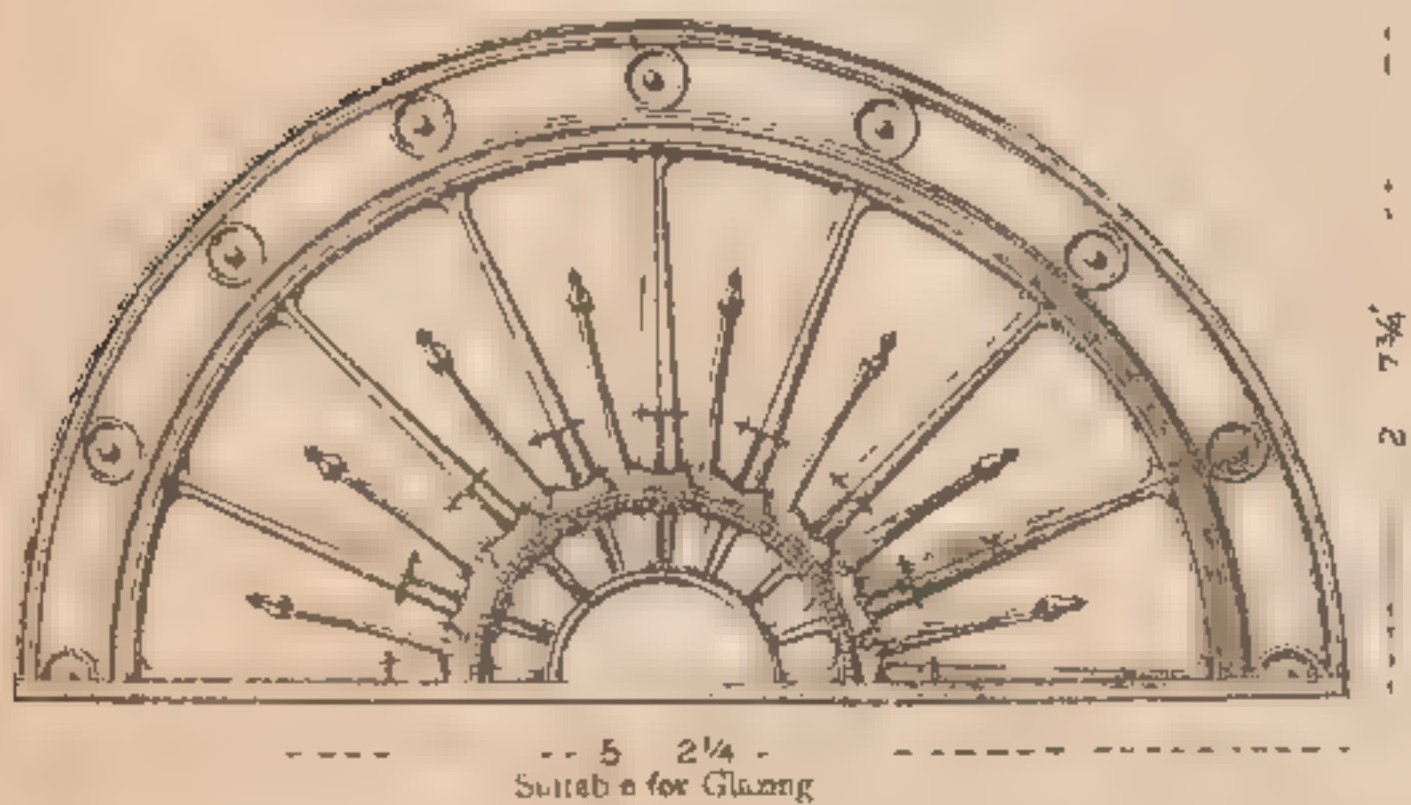
Nº 221



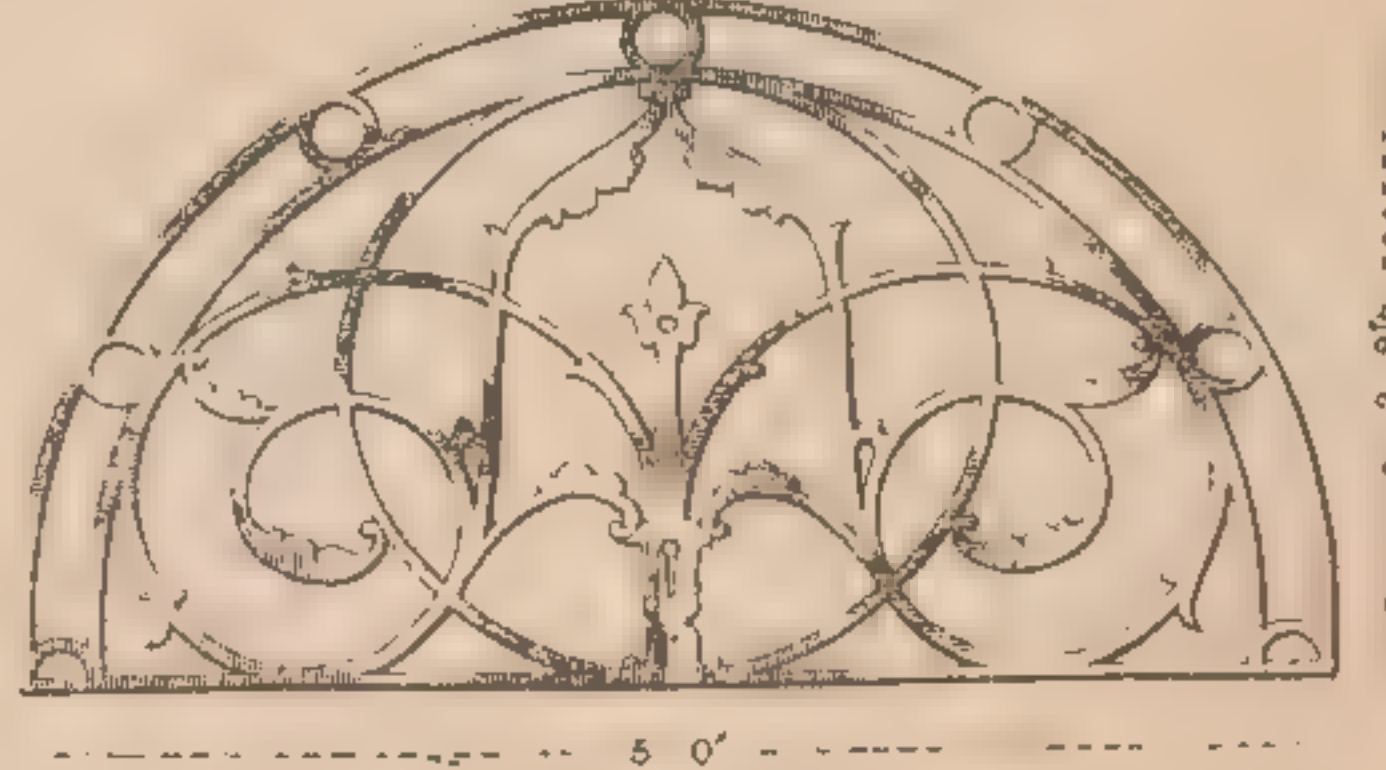
Nº 237



Nº 993



Nº 221



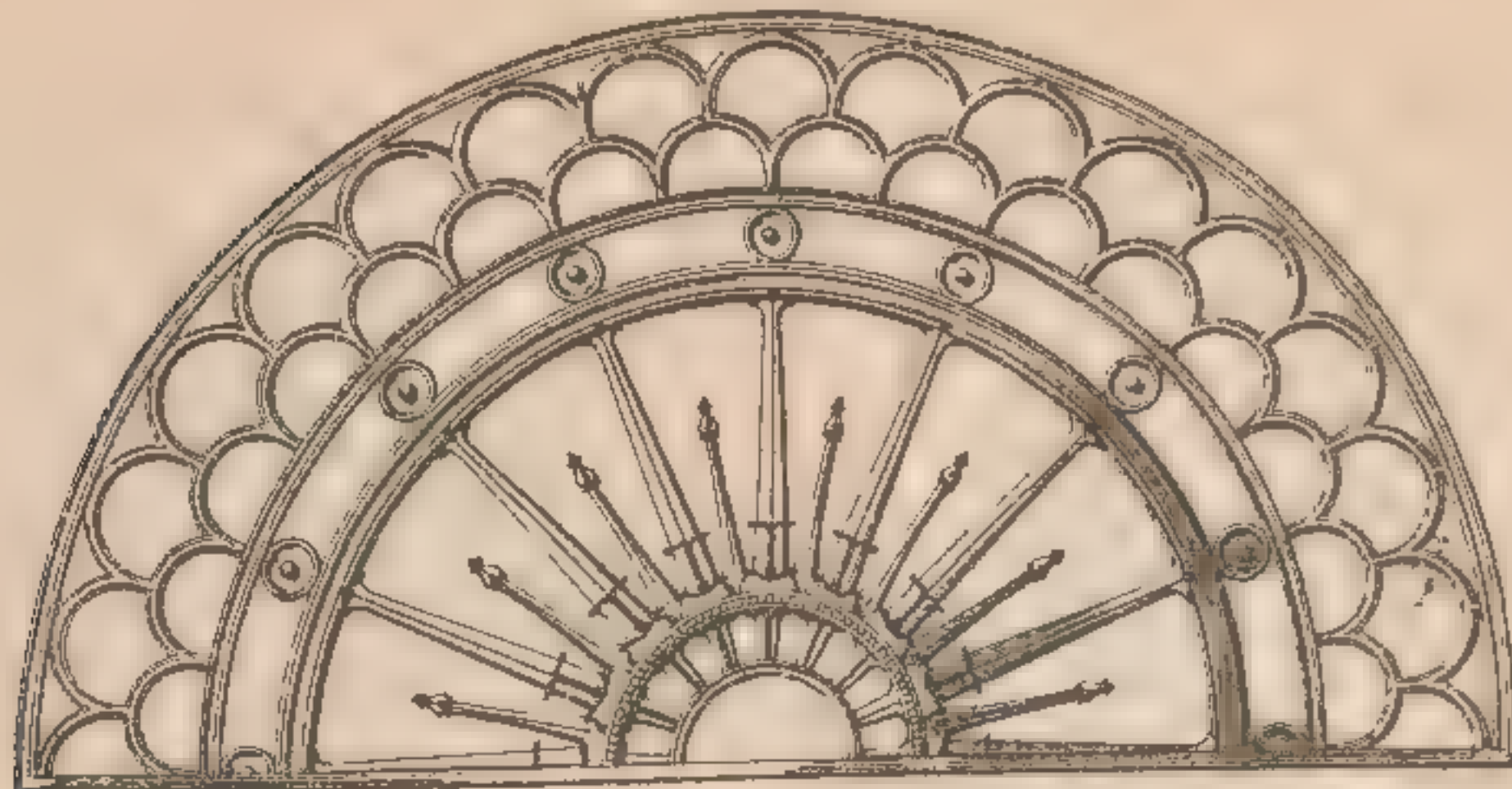
Nº 237



Nº 1001



Nº 993



6' 10"
Suitable for Glazing

3' 6"

Nº 237



6' 0"

Nº 176



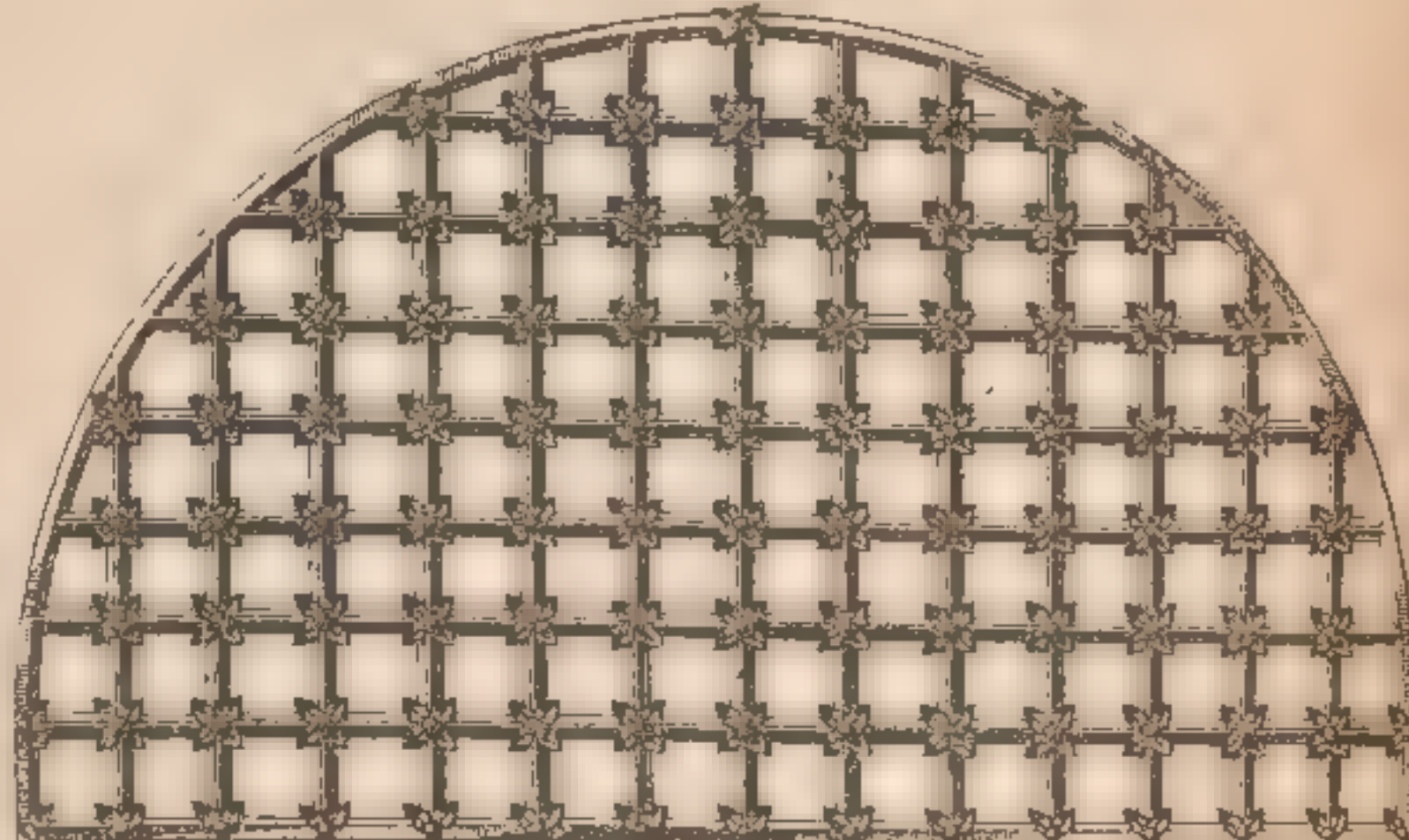
5' 3"
3' 6"

Nº 177



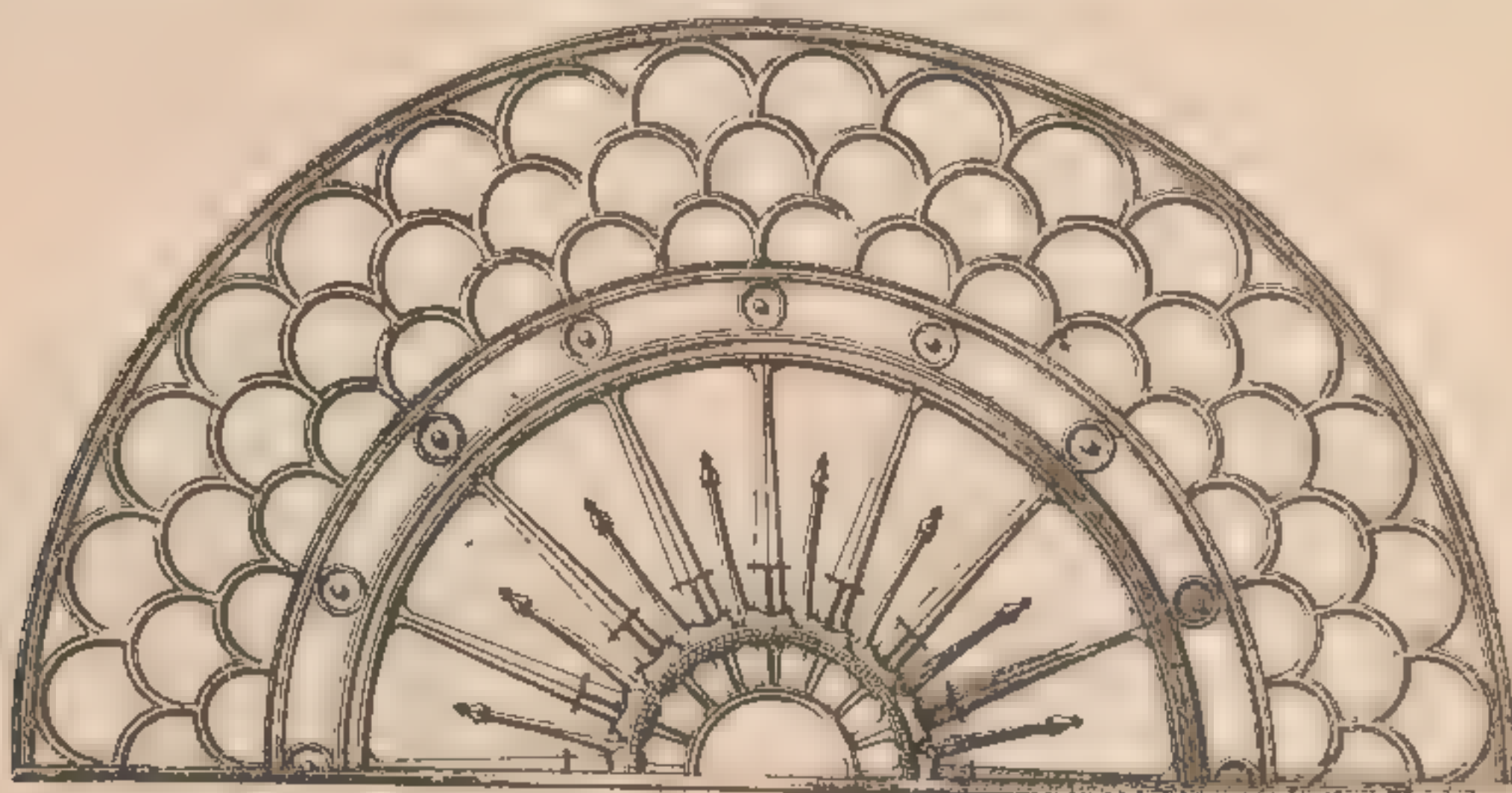
5' 9 1/2"

Nº 1024



6' 2 1/2"

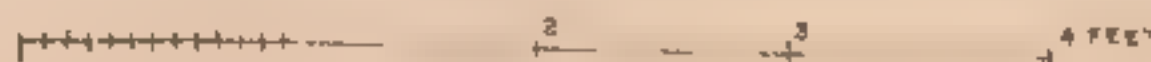
Nº 993



7' 8 1/4"
Suitable for Glazing

3' 11"

SCALE

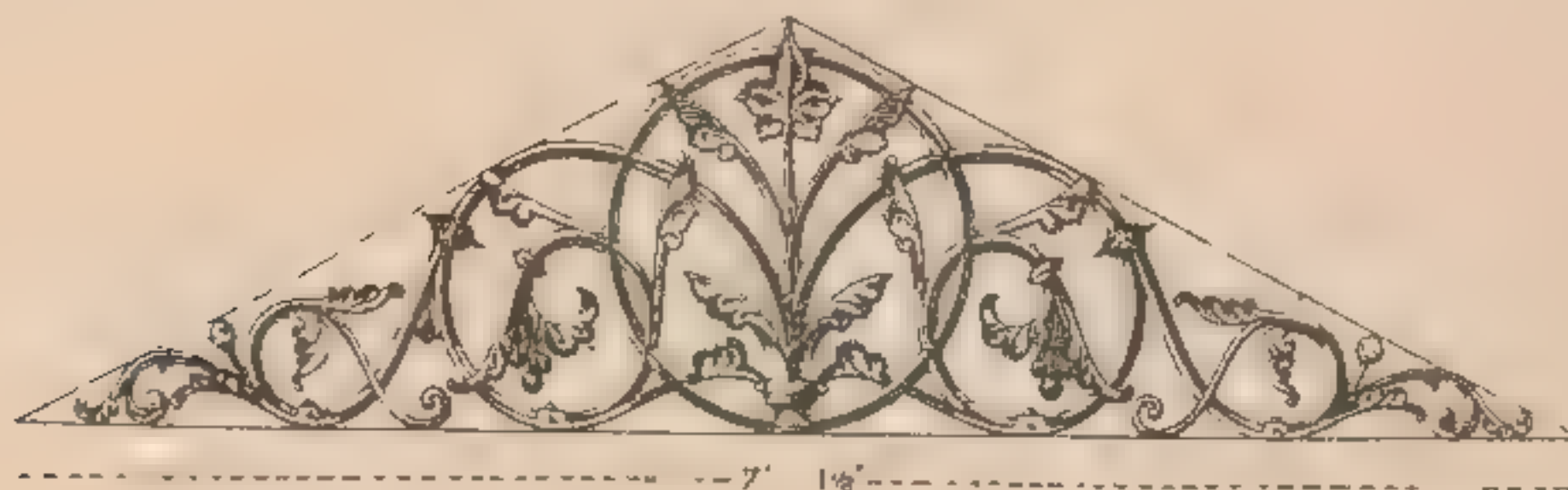


Nº 363

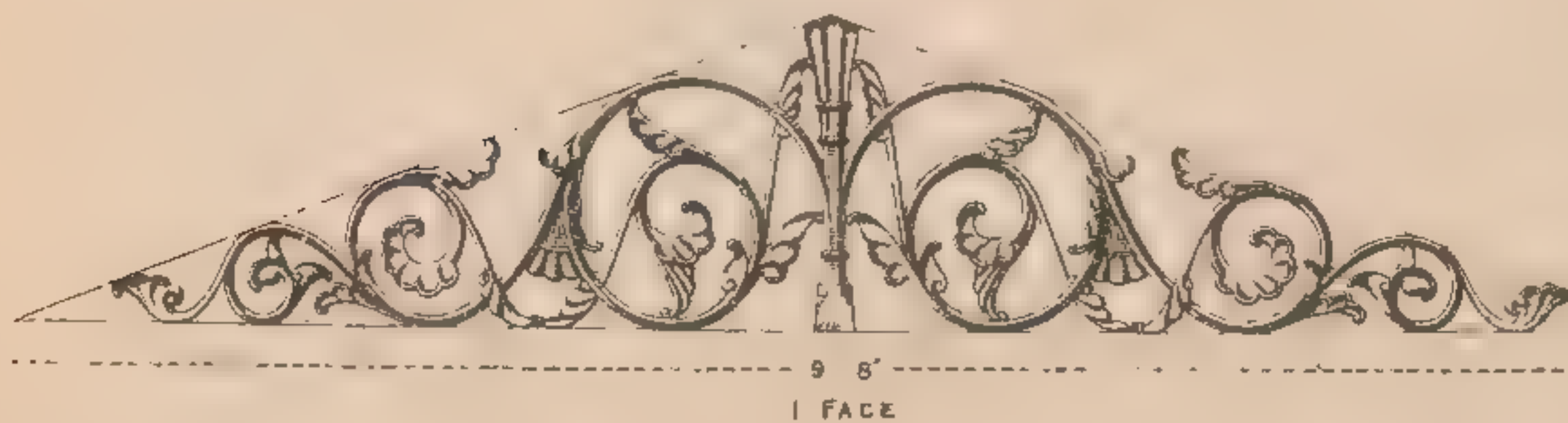


MACFARLANE'S TRIANGULAR PANELS

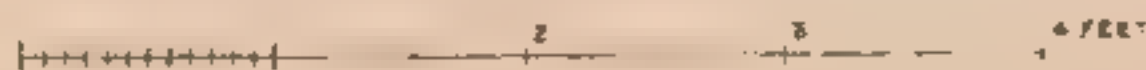
Nº 891



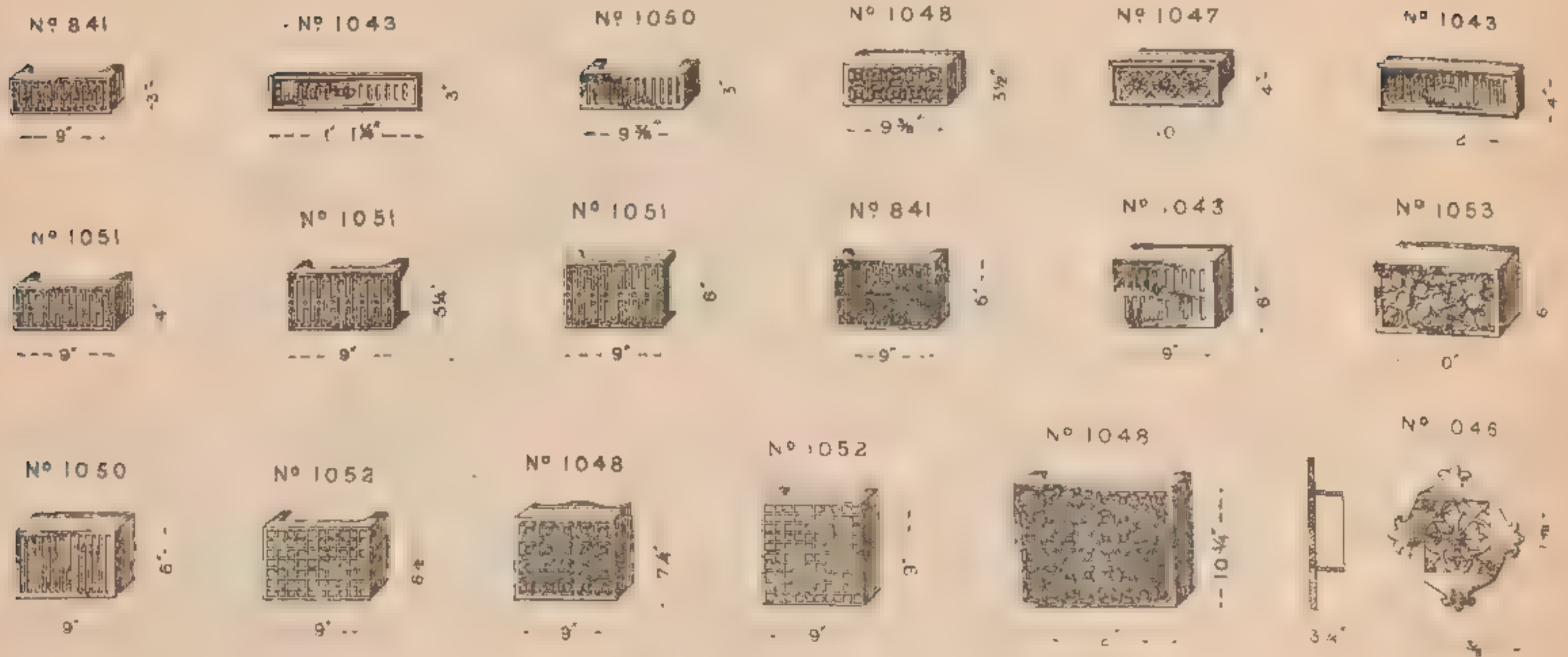
Nº 1057



SCALE

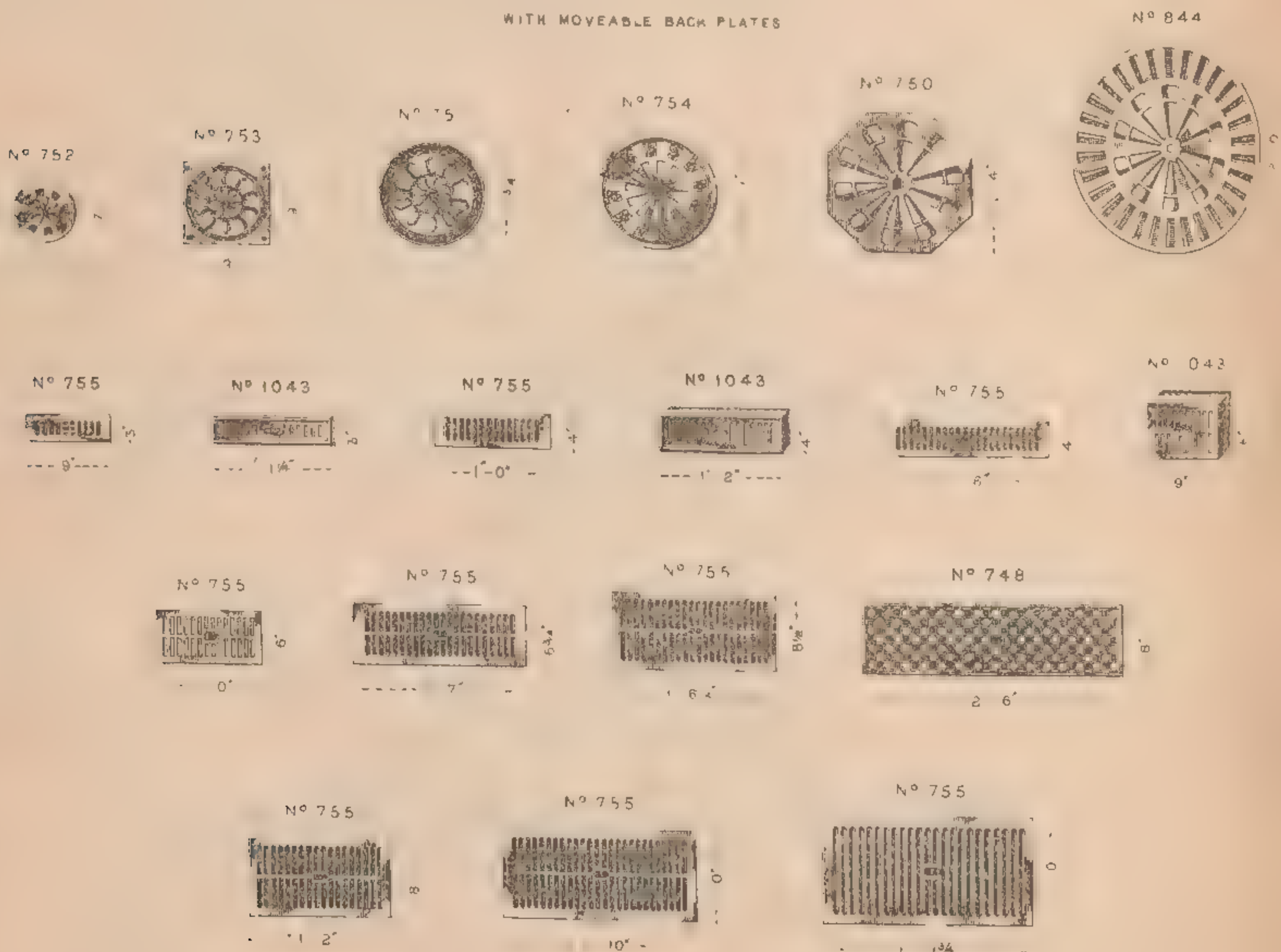


MACFARLANE'S CASTINGS — AIR BRICKS



MACFARLANE'S VENTILATORS

WITH MOVEABLE BACK PLATES



SCALE

+++++

2

3

4 FEET



N° 305

 $\frac{3}{8}$ " THICK

N° 29

 $\frac{5}{8}$ " THICK

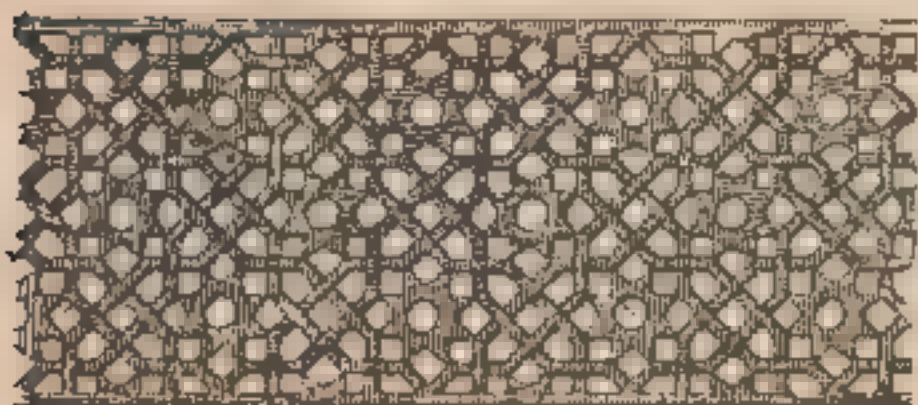
N° 389

 $\frac{1}{2}$ " THICK

N° 438

 $\frac{5}{8}$ " THICK

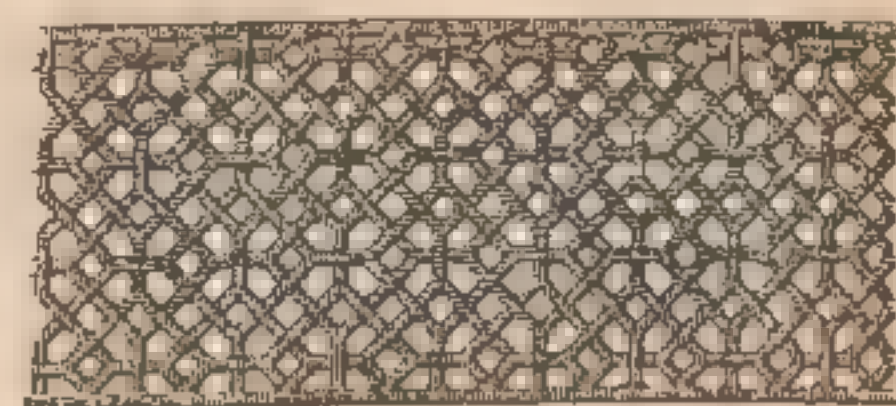
N° 1117

 $\frac{1}{2}$ " THICK

N° 417

 $\frac{3}{8}$ " THICK

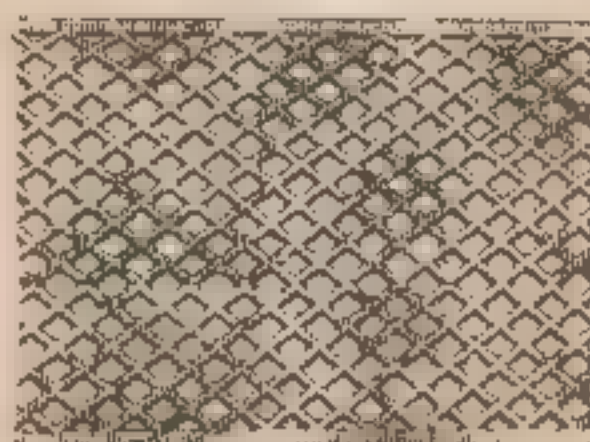
N° 1118

 $\frac{1}{2}$ " THICK

N° 389

 $\frac{1}{2}$ AND $\frac{3}{4}$ " THICK

N° 341

 $\frac{3}{8}$ " THICK

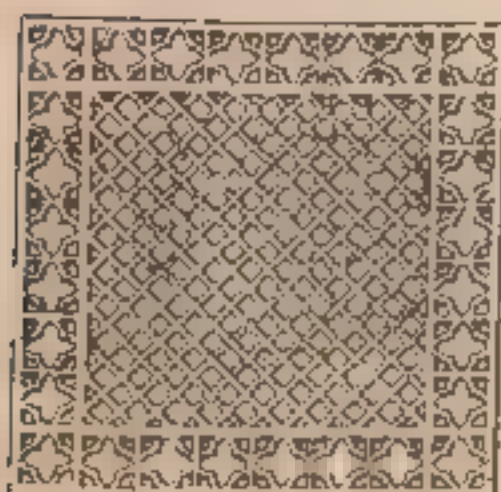
N° 389

 $\frac{3}{4}$ " THICK

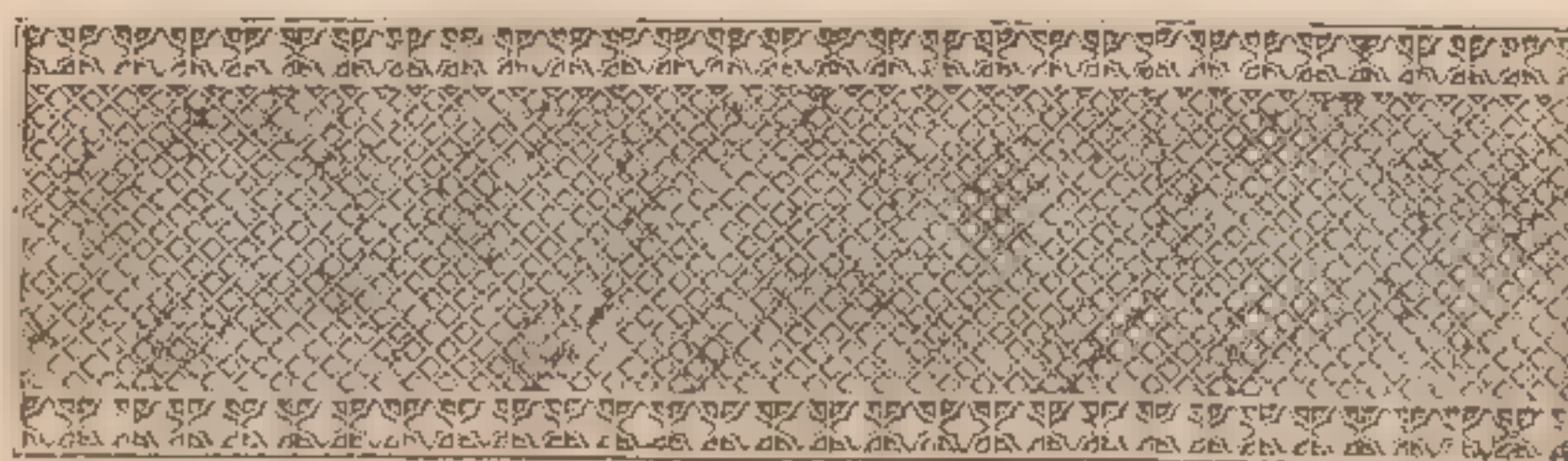
N° 389

 $\frac{1}{8}$ " THICK

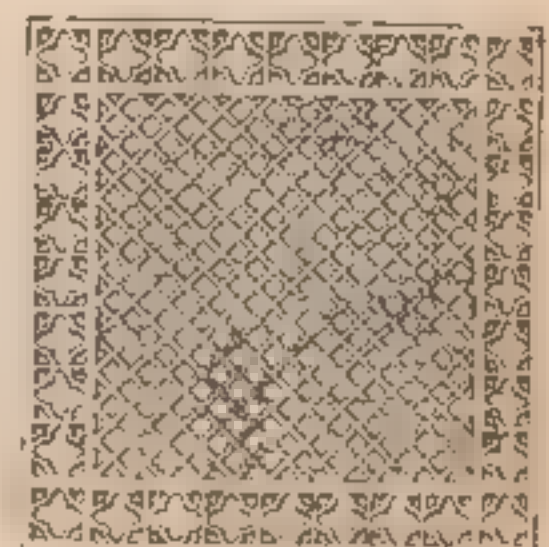
N° 389

 $\frac{1}{8}$ " THICK

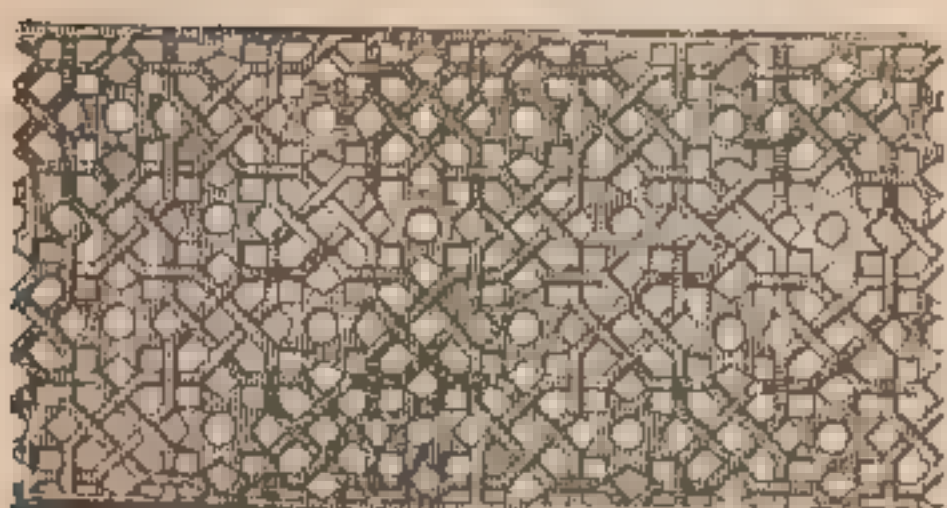
N° 389

 $\frac{1}{2}$ " THICK

N° 389

 $\frac{1}{8}$ " THICK

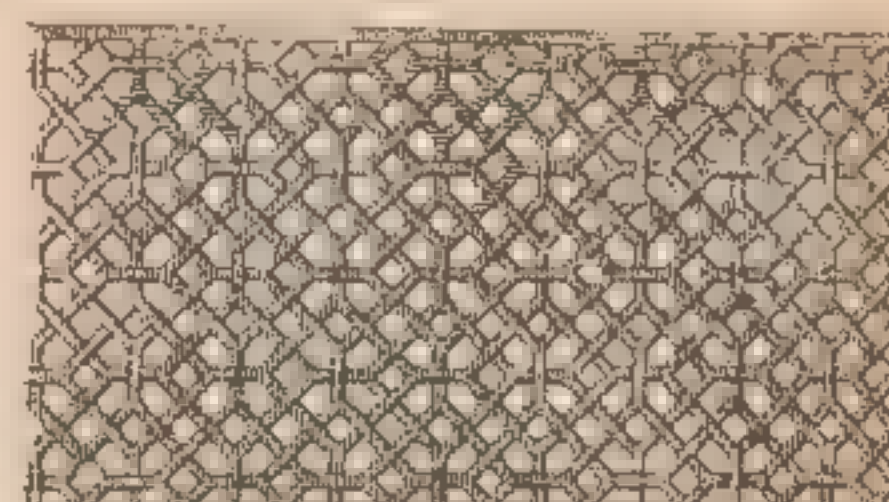
N° 1117

 $\frac{1}{2}$ " THICK

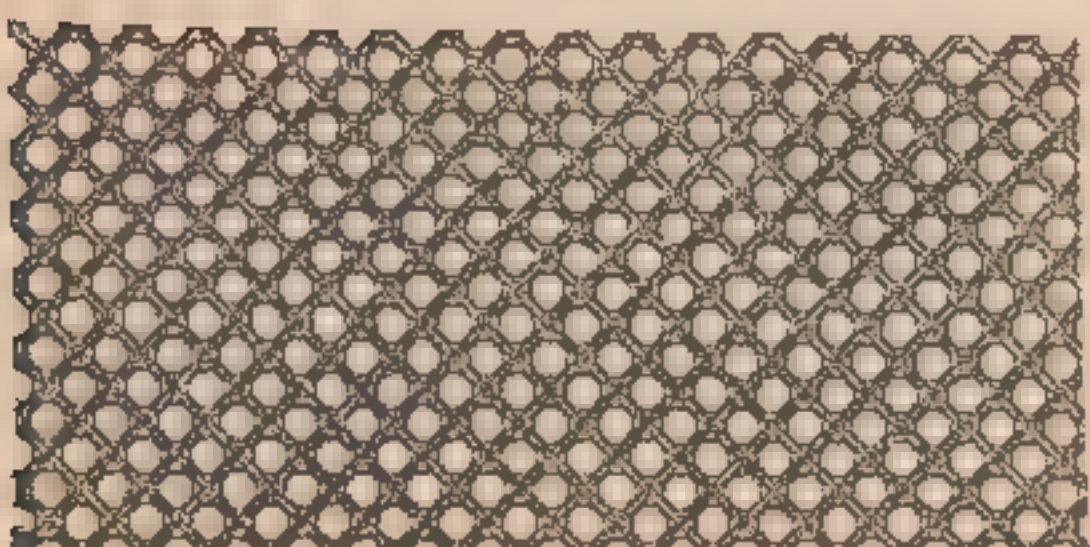
N° 417

 $\frac{3}{8}$ " THICK

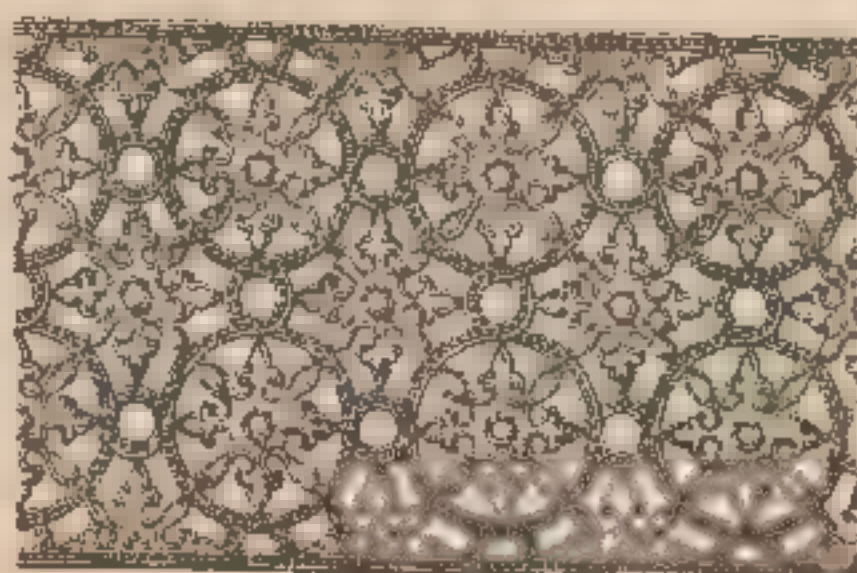
N° 1118

 $\frac{5}{9}$ " THICK

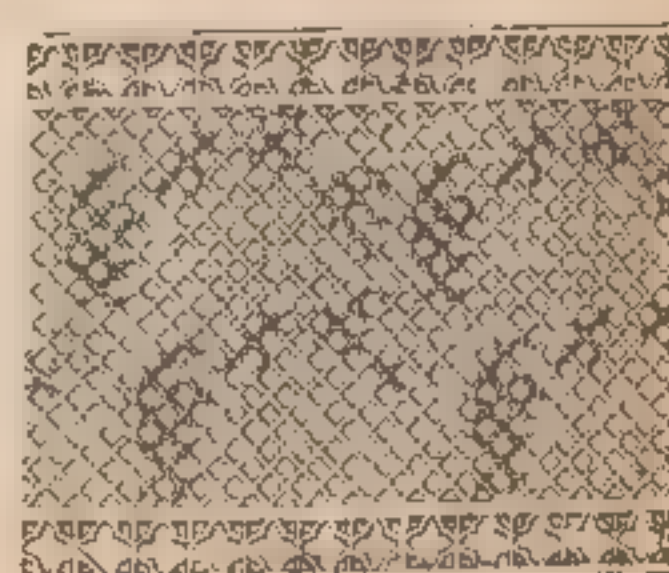
N° 423

 $\frac{1}{2}$ " THICK

N° 164

 $\frac{5}{8}$ " THICK

N° 389

 $\frac{1}{2}$ " THICK

SCALE

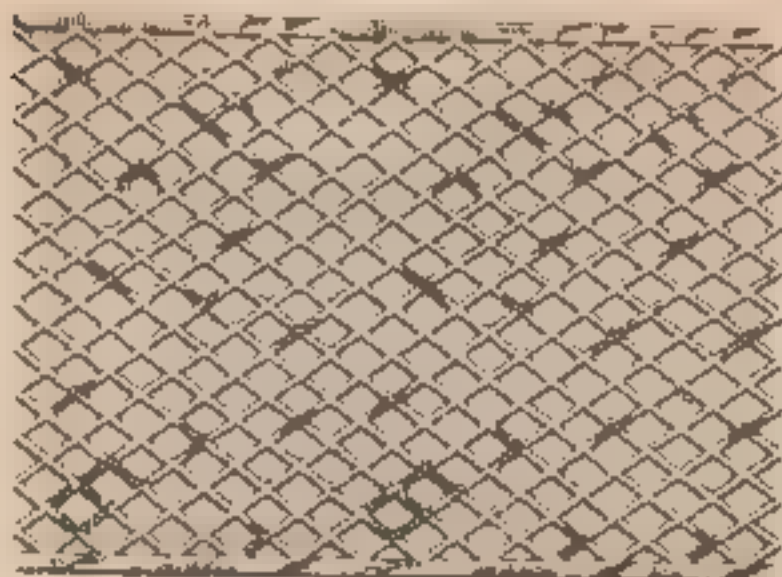
4 FEET

Nº 423



$\frac{3}{16}$ " THICK

Nº 355



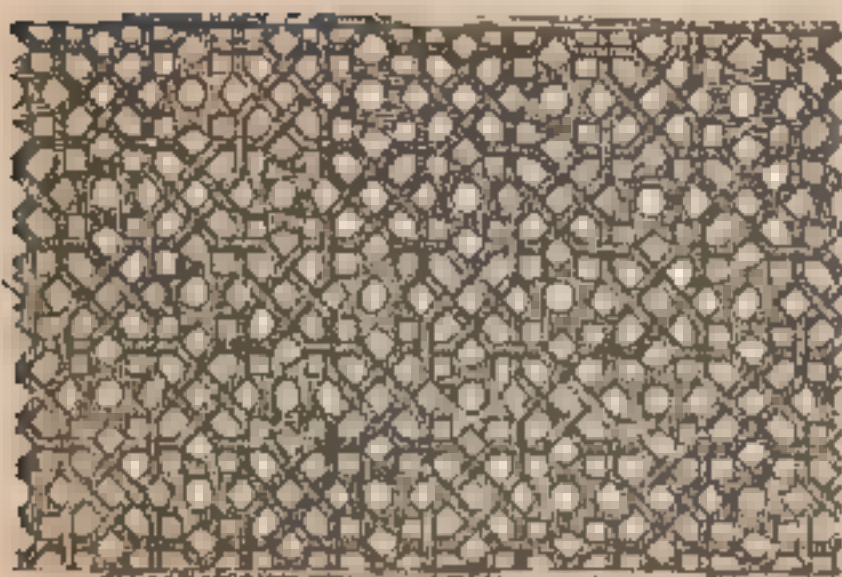
$\frac{1}{2}$ " THICK

Nº 432



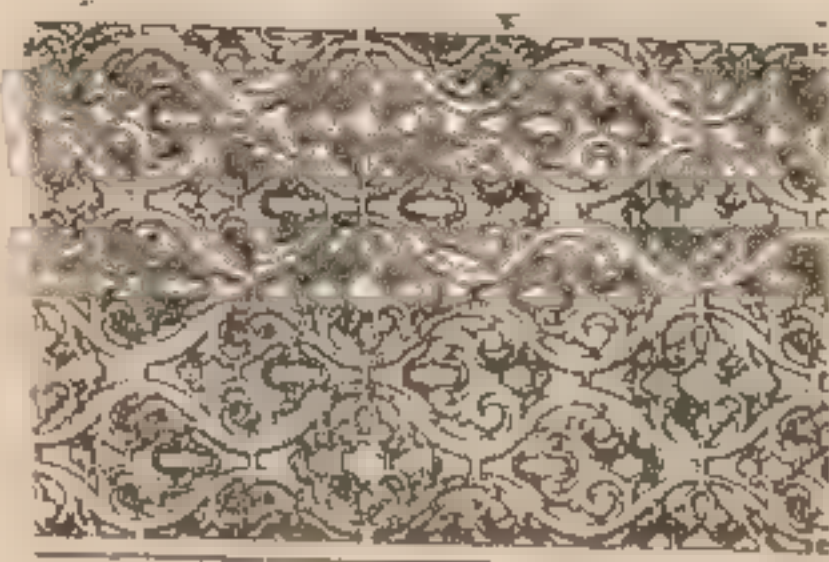
$4 \frac{5}{8}$ "
 $\frac{1}{2}$ " THICK

Nº 1117



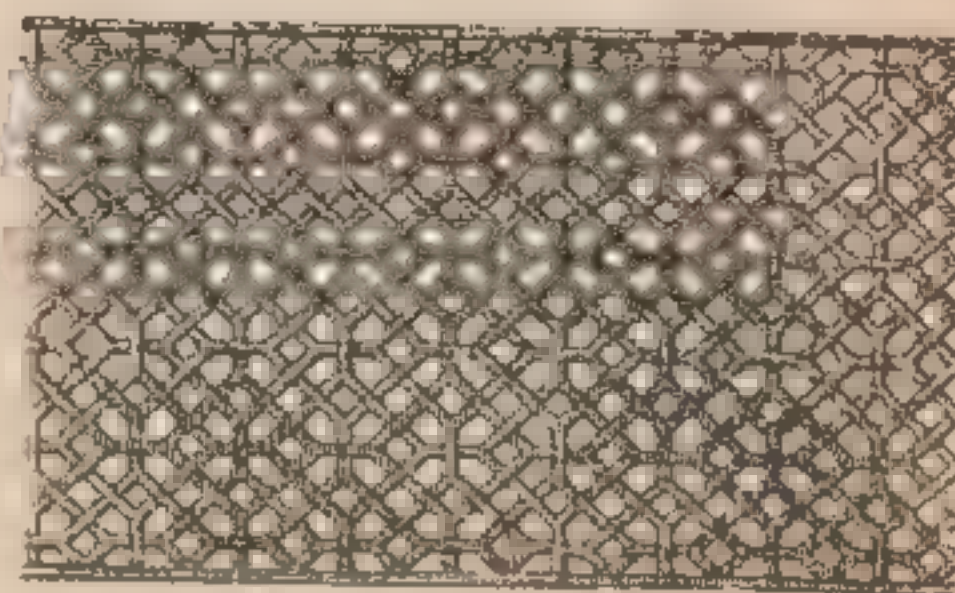
$\frac{5}{8}$ " THICK

Nº 305



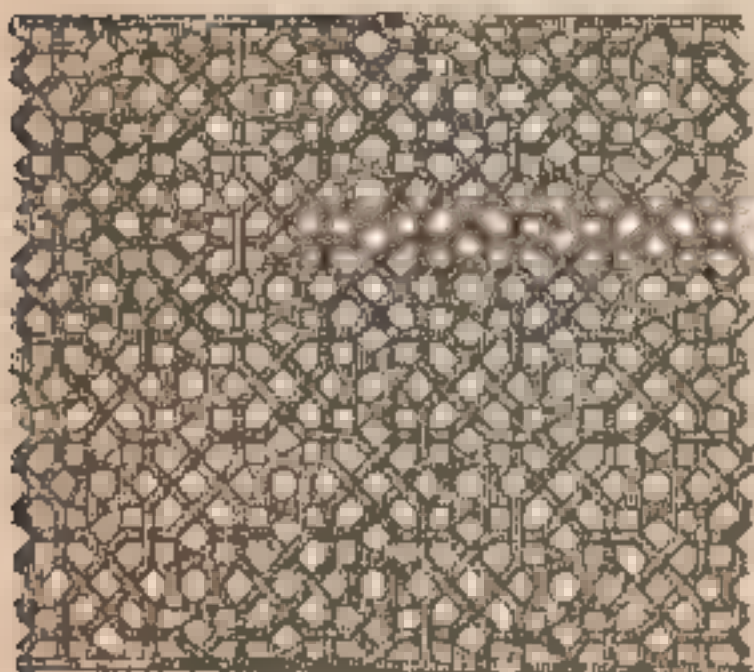
$\frac{3}{8}$ " THICK

Nº 1118



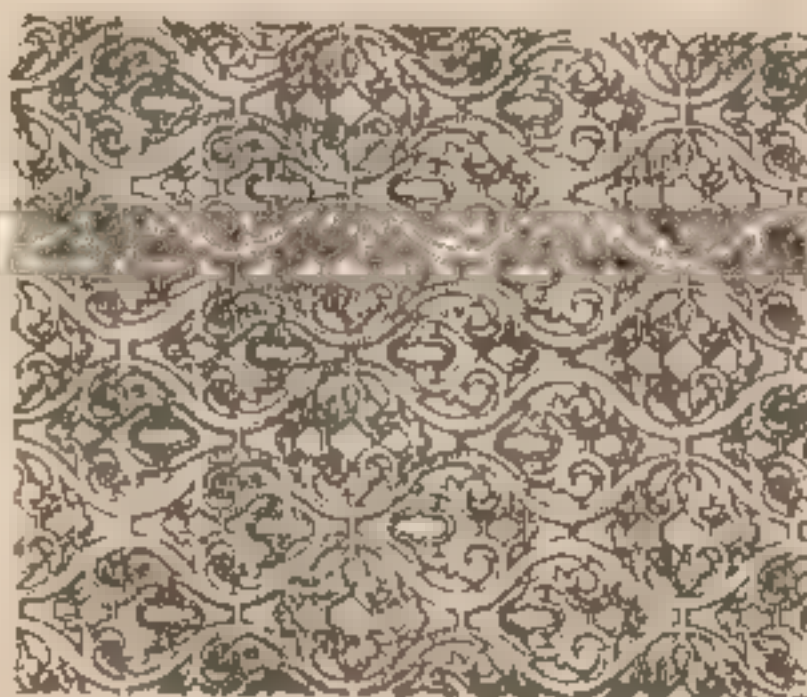
$\frac{5}{8}$ " THICK

Nº 1117



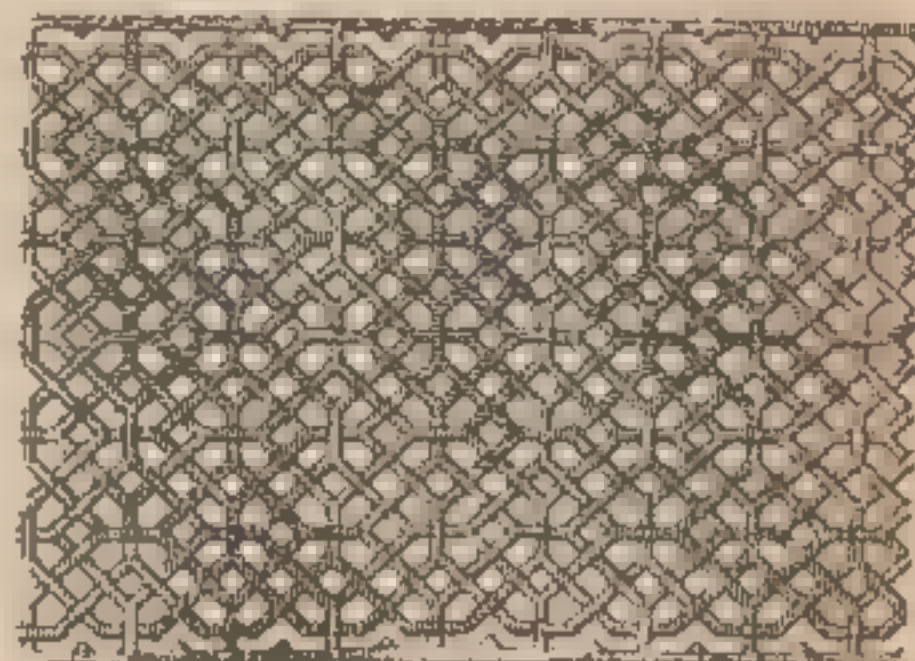
$\frac{5}{8}$ " THICK

Nº 305



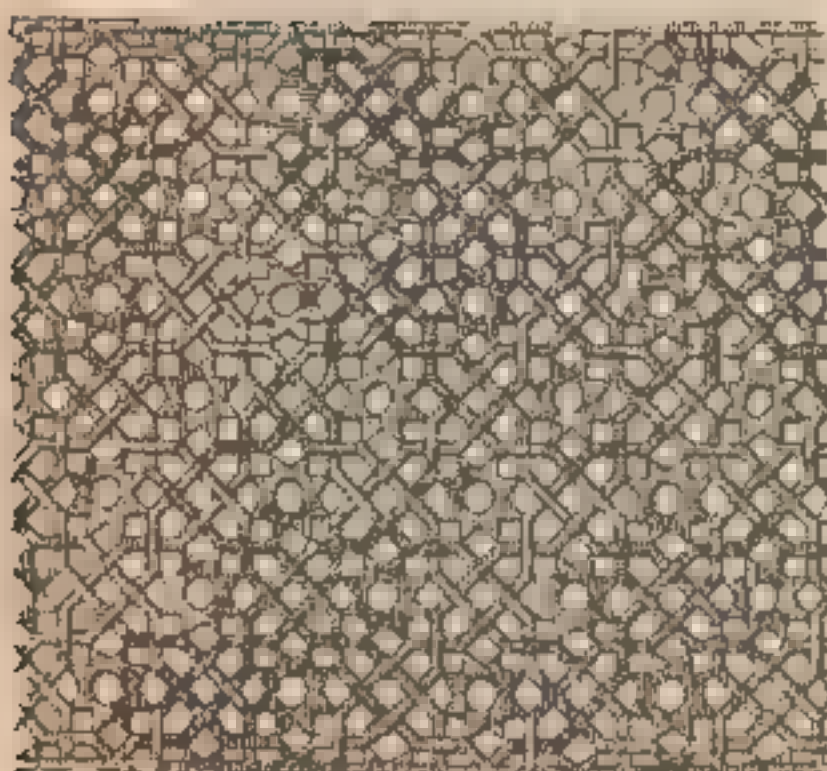
$\frac{1}{2}$ " THICK
Any size to order.

Nº 1 8



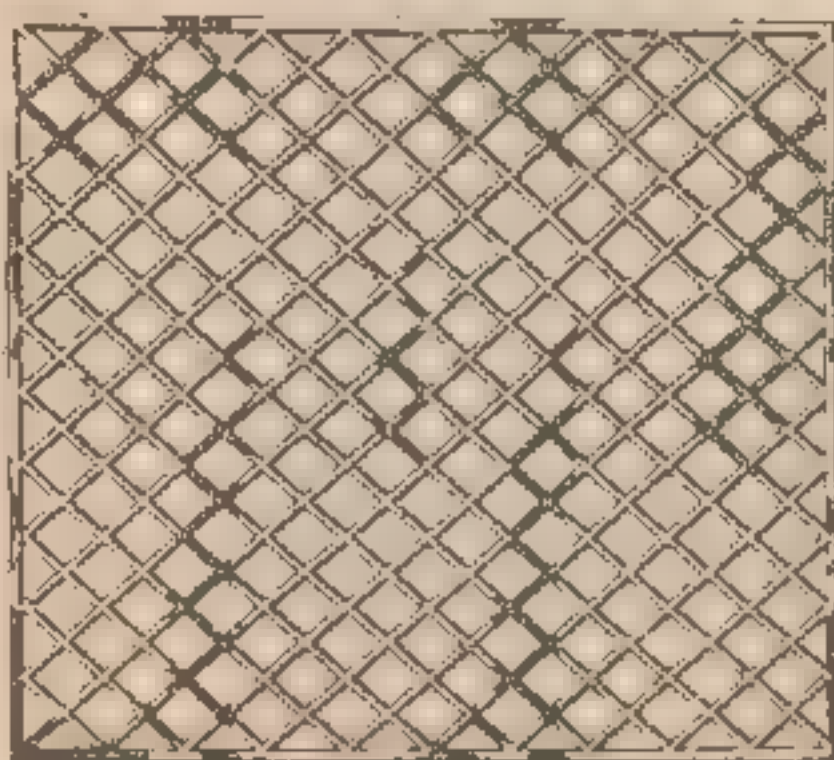
$\frac{5}{8}$ " THICK

Nº 1117



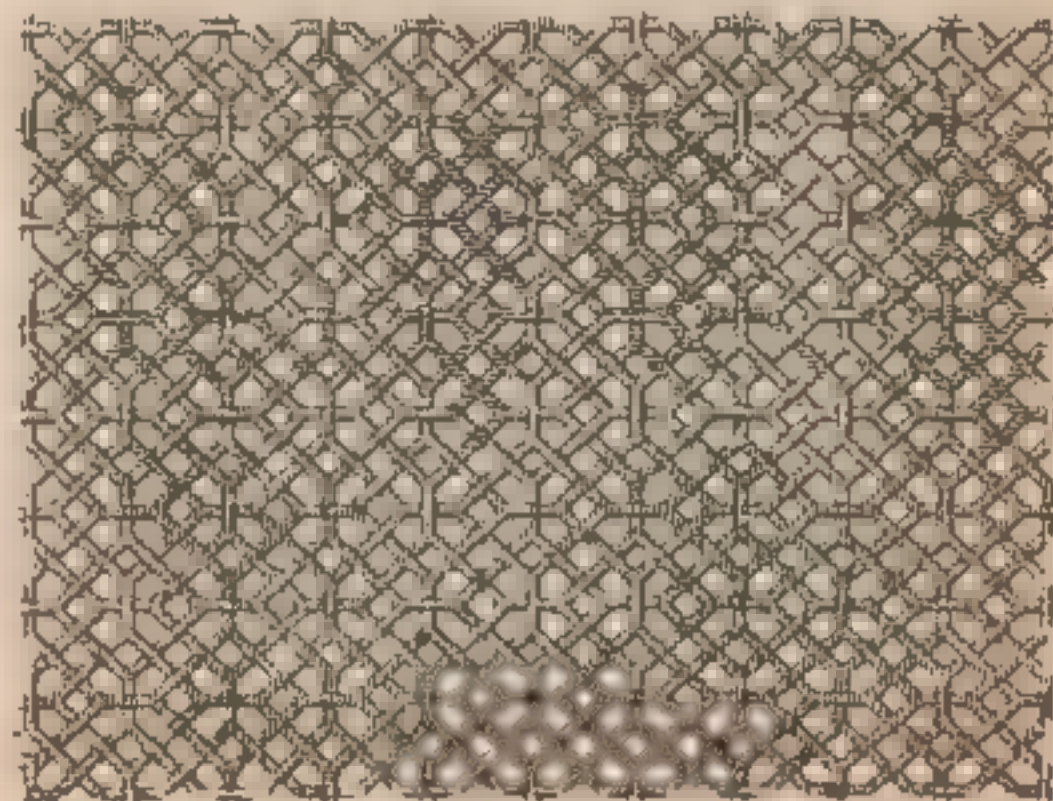
$\frac{5}{8}$ " THICK

Nº 286



$3 \frac{1}{2}$ "
THICK

Nº 1118



$\frac{5}{8}$ " THICK
Any size to order.

SCALE



$\frac{1}{8}$

$\frac{1}{4}$

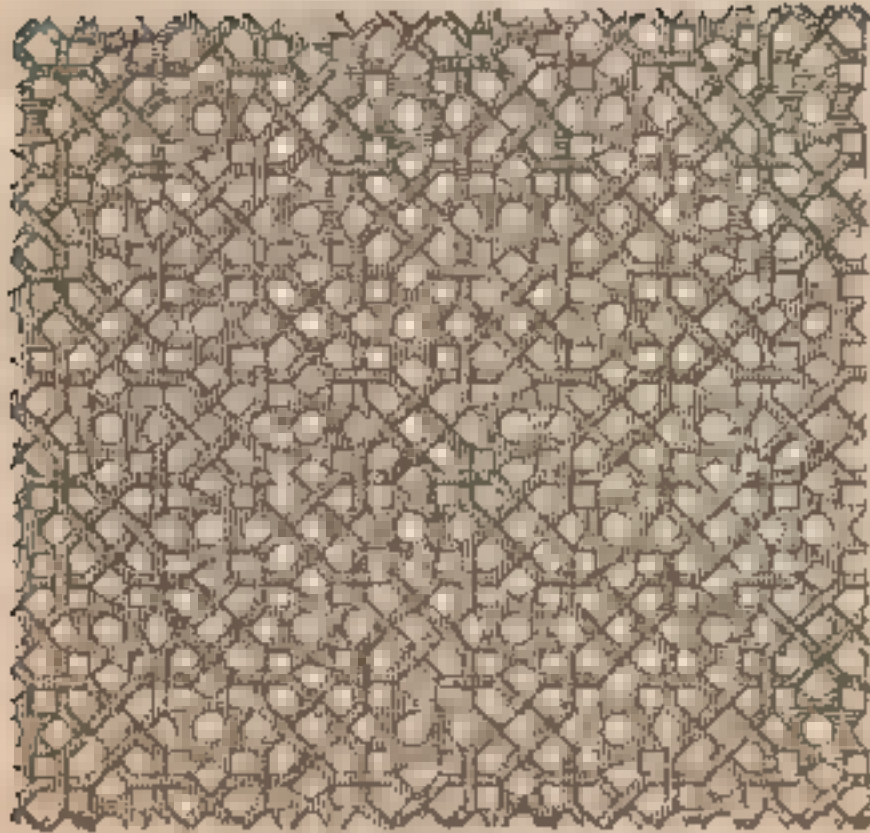
$\frac{3}{8}$

$\frac{1}{2}$

$\frac{3}{4}$

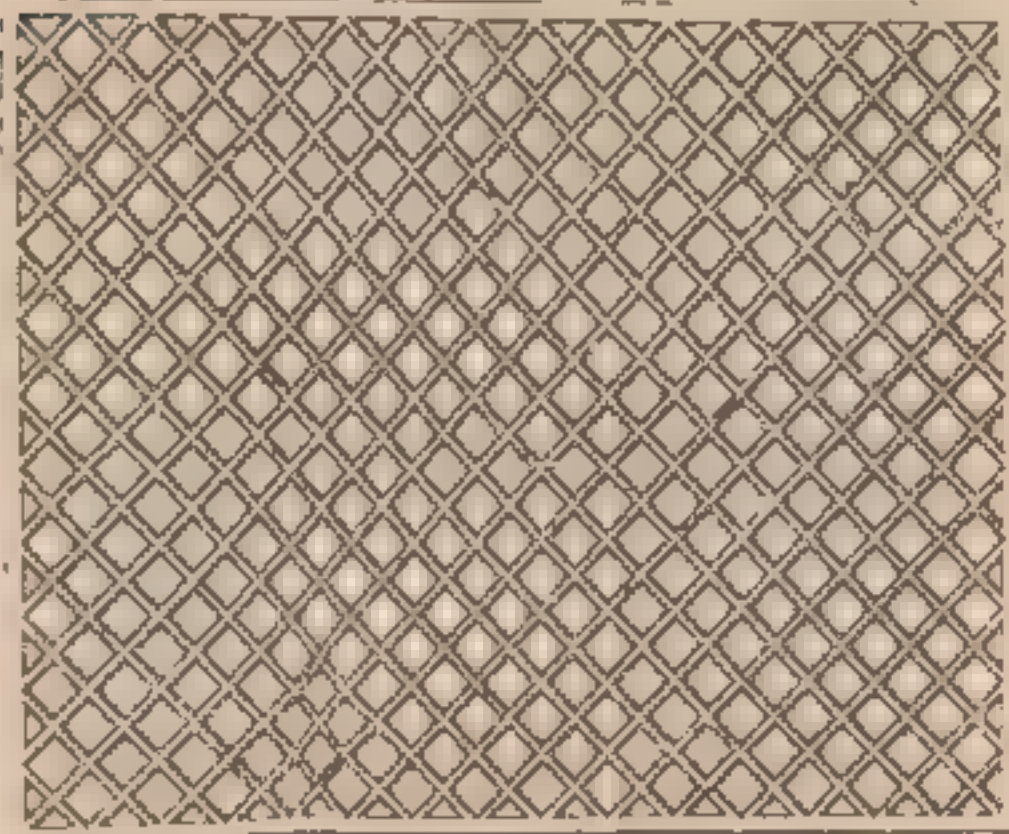
1

Nº 11.7



5/8" THICK
Any size to order.

Nº 235



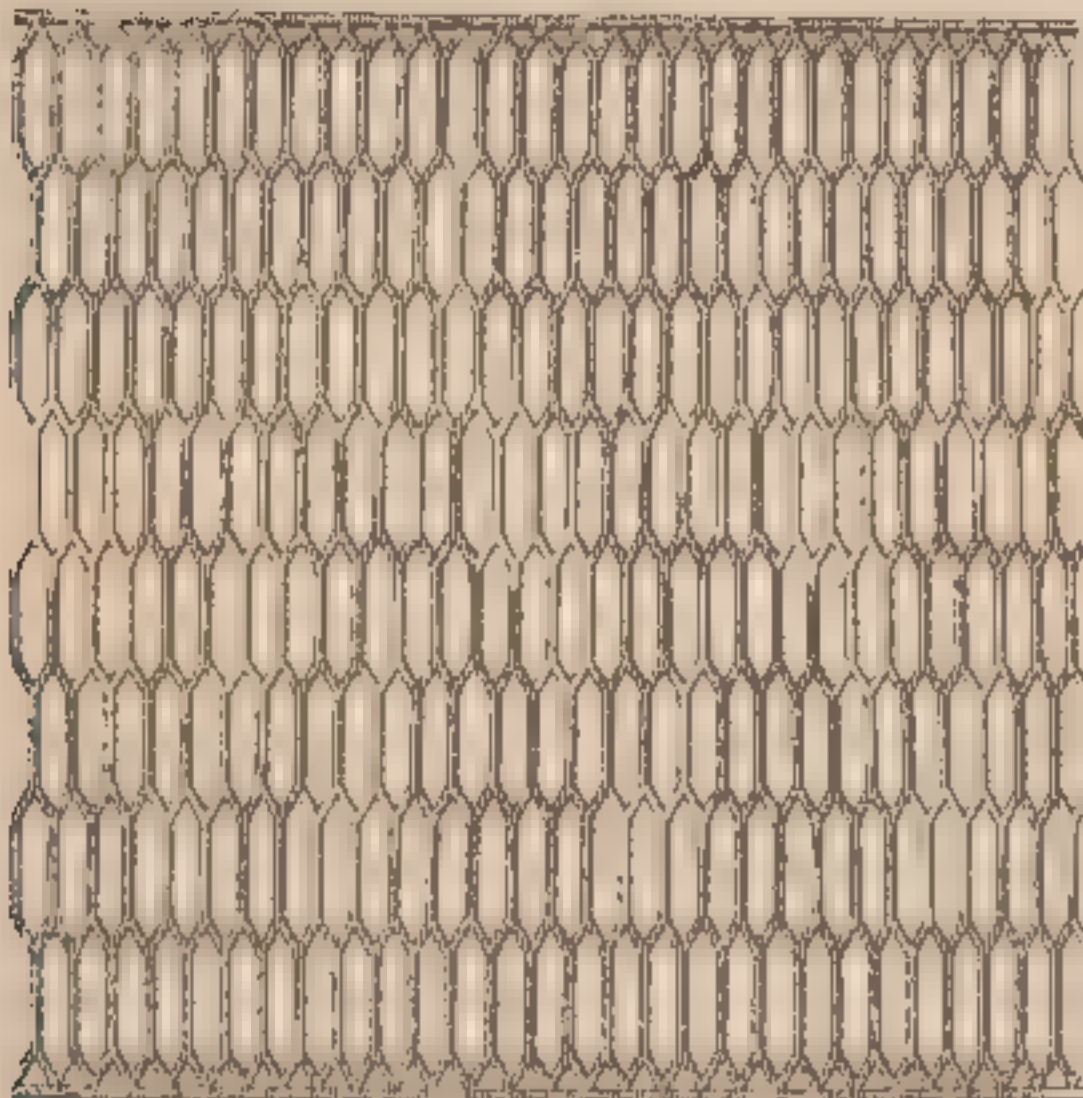
3/4" THICK

Nº 164



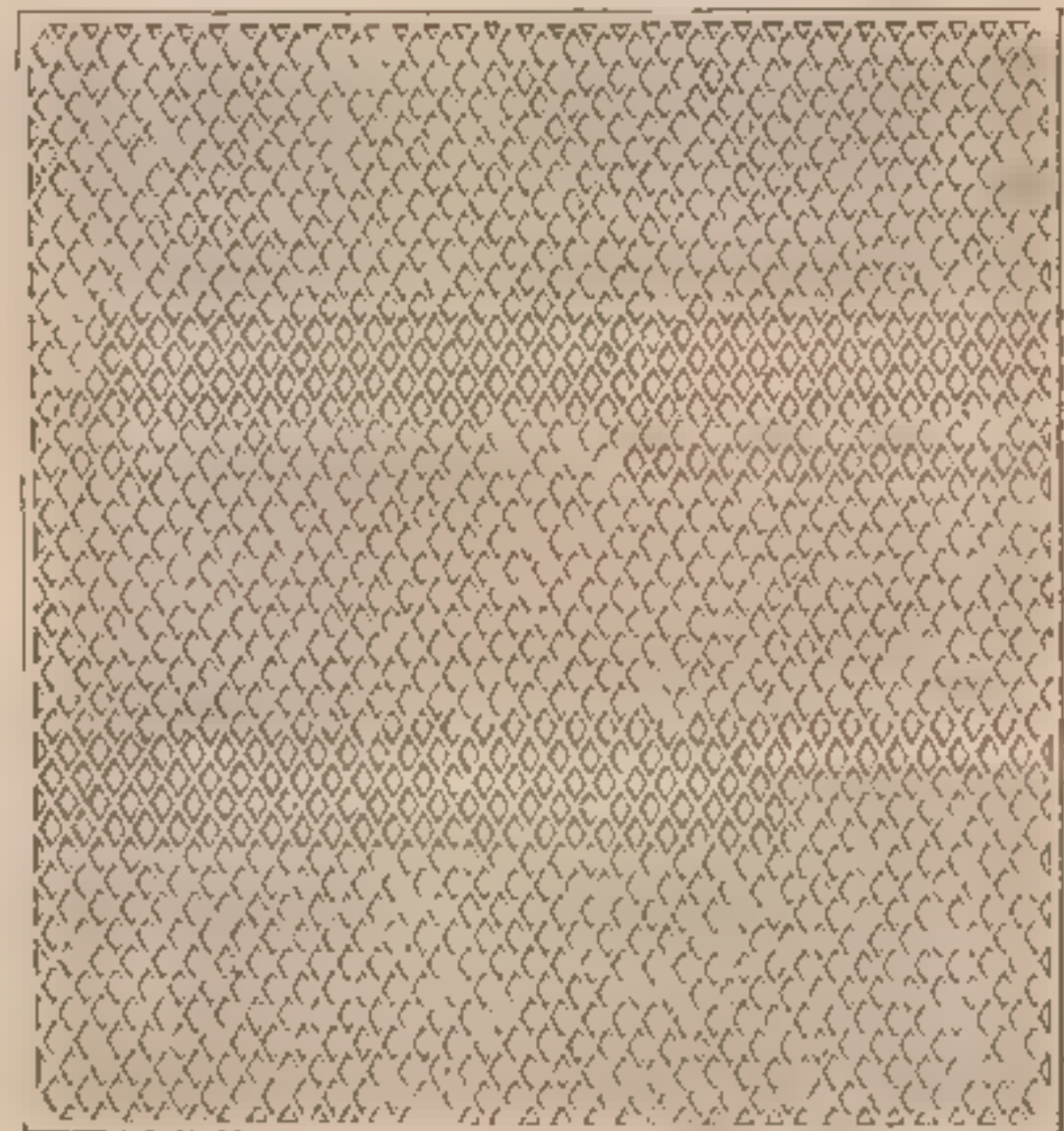
5/8" THICK

Nº 362



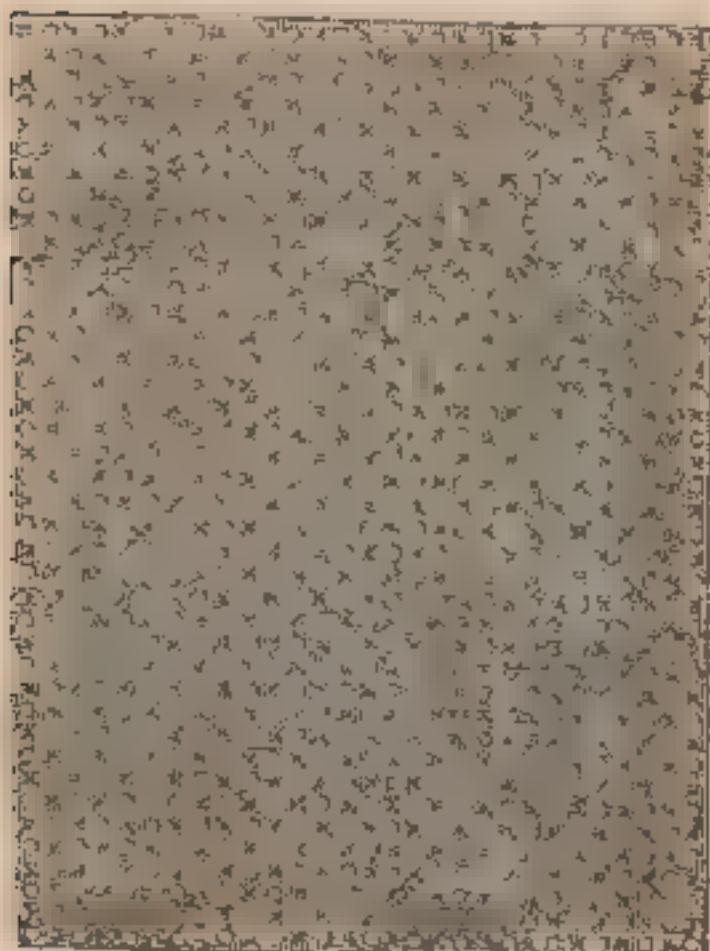
1" THICK

Nº 346



3/4" THICK

Nº 818 FLOOR PLATE



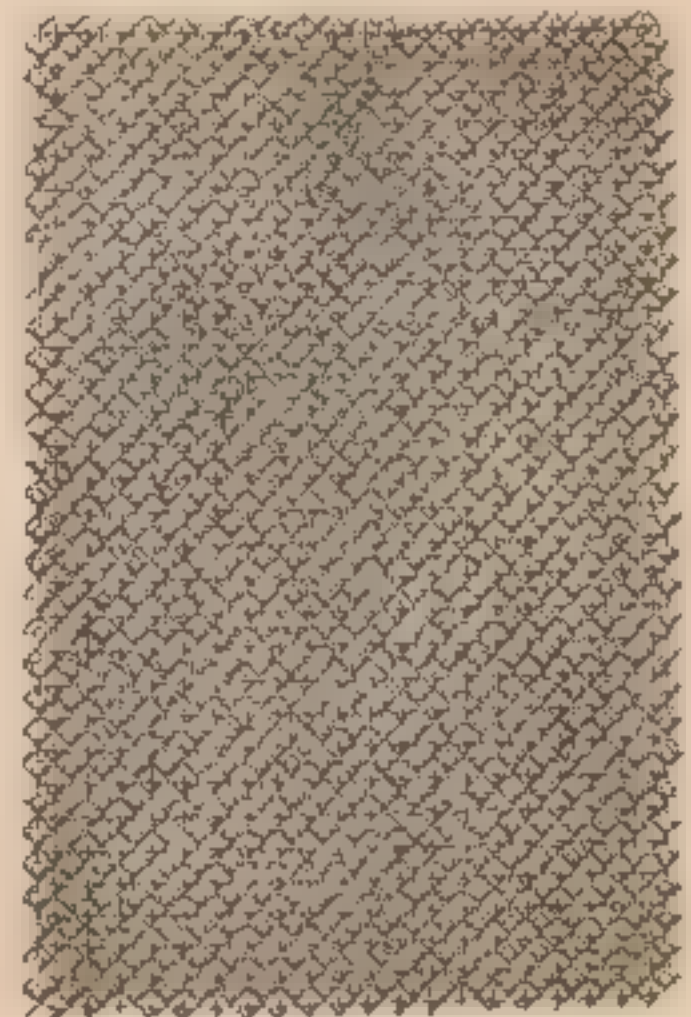
2' 6"
3/8" THICK

Nº 234 FLOOR PLATE



2' 5"
3/8" THICK

Nº 899 FLOOR PLATE



2' 5 1/2"
5/16" THICK

SCALE



1" = 4'

1" = 3'

1" = 2' FEET

— 148 —



7255255

SECTION VIII.—STAIRS.

FOR EVERY KIND OF INTERIOR AND EXTERIOR ACCESS AND COMMUNICATION.

The treatment of Stairs has become a matter of great moment in the designing and construction of buildings with the view of economizing space, and also for admission of light and security from fire, for the attainment of which cast iron possesses advantages over every other material, while the light and graceful forms it admits of, render it peculiarly suitable for Balusters and Stair Railing.

Please insert in Specification "To be Macfarlane's Castings, from Saracen Foundry, Glasgow," to prevent an inferior article being supplied

Straight Stairs,	pages 368—369	Step Plates,	pages 381
Spiral Stairs,	370—372	Examples,	382—386
Balusters,	373—380	Railing,	see Section V., 172—286
Newel Posts,	379—380	Handrails,	V., 287—288
Baluster Sockets,	381	Railing Standards,	VI., 334—339
Handrail Brackets,	381	Floor Gratings,	VII., 363—367

The Illustrations of Balusters and Newel Posts are arranged in the order of their breadth

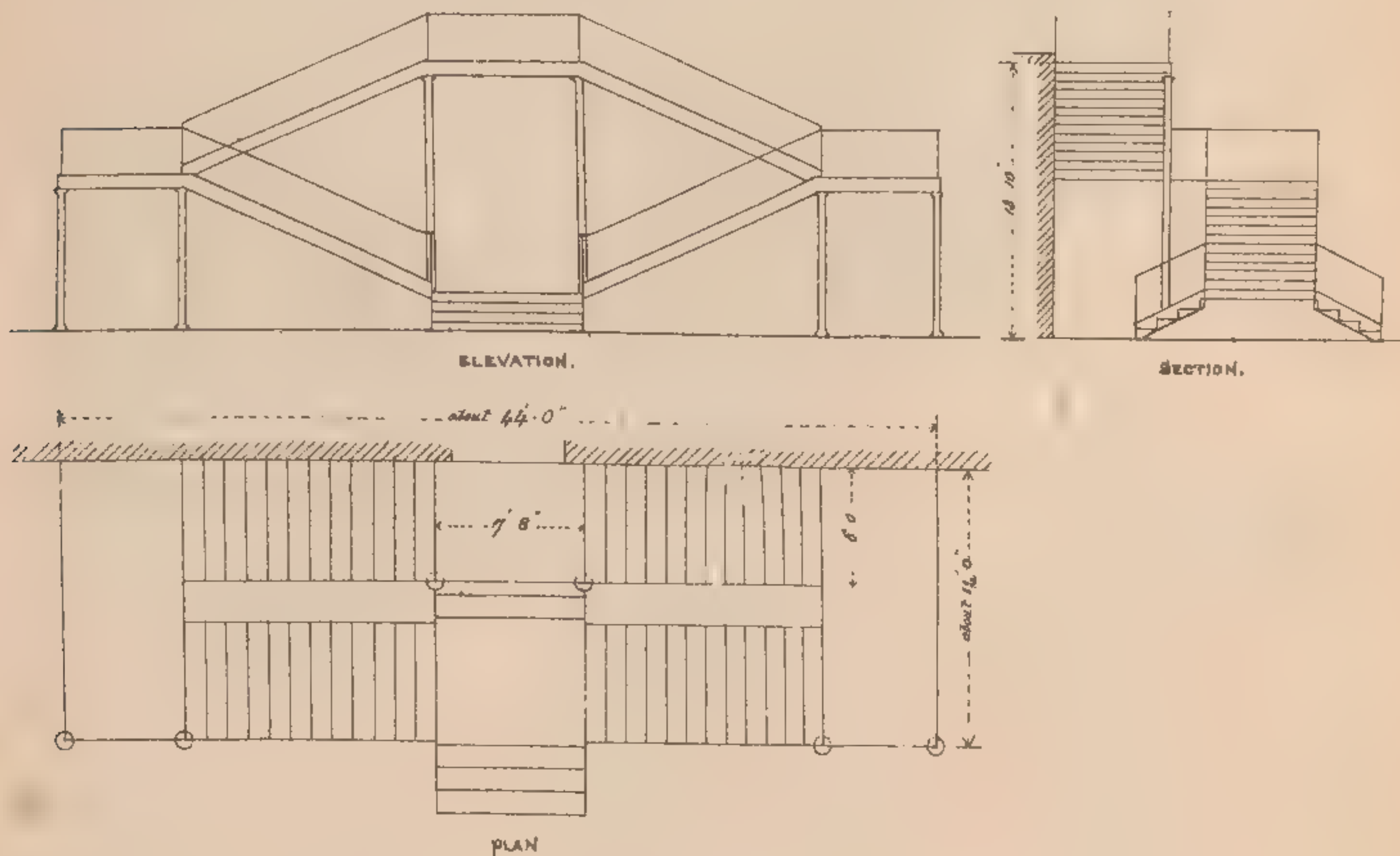
DIRECTIONS FOR ORDERING.

State the Nos. and sizes, and if necessary, give a rough sketch with exact measurements, stating the nature of the fixings required, whether for wood, stone, brick or iron, and we will furnish the whole ready for fitting up. The following examples show the simplest method of ordering.

- 14 No. 617 Balusters 2' 10".
 31 No. 617 " 3' 1 1/4" bevelled to suit step 11" x 6 1/4".
 12 No. 617 " various sizes and bevels as templates sent.
 2 No. 617 " curved as templates sent.
 2 No. 967 Newel Posts 3' 2".
 All with pins on top and screw-holes at bottom for fixing to wood

1 No. 791 Spiral Stair 3' 0" radius right hand wheel in 3 flights, the first 12' 4 1/4", the second 10' 0", and the third 9' 3 3/4" high, with cast iron landings.

1 No. 848 Staircase, consisting of No. 4 Columns 4", No. 1 Stringbeams with pateras on side, No. 848 Steps, No. 818 Floor Plates for Landing, No. 1020 Railing 2 6 for landing and 2' 1 1/4" for rake, No. 672 Newel Posts, No. 5 Handrail 3 1/4" x 1 1/4", fitted complete to measurements as sketch.



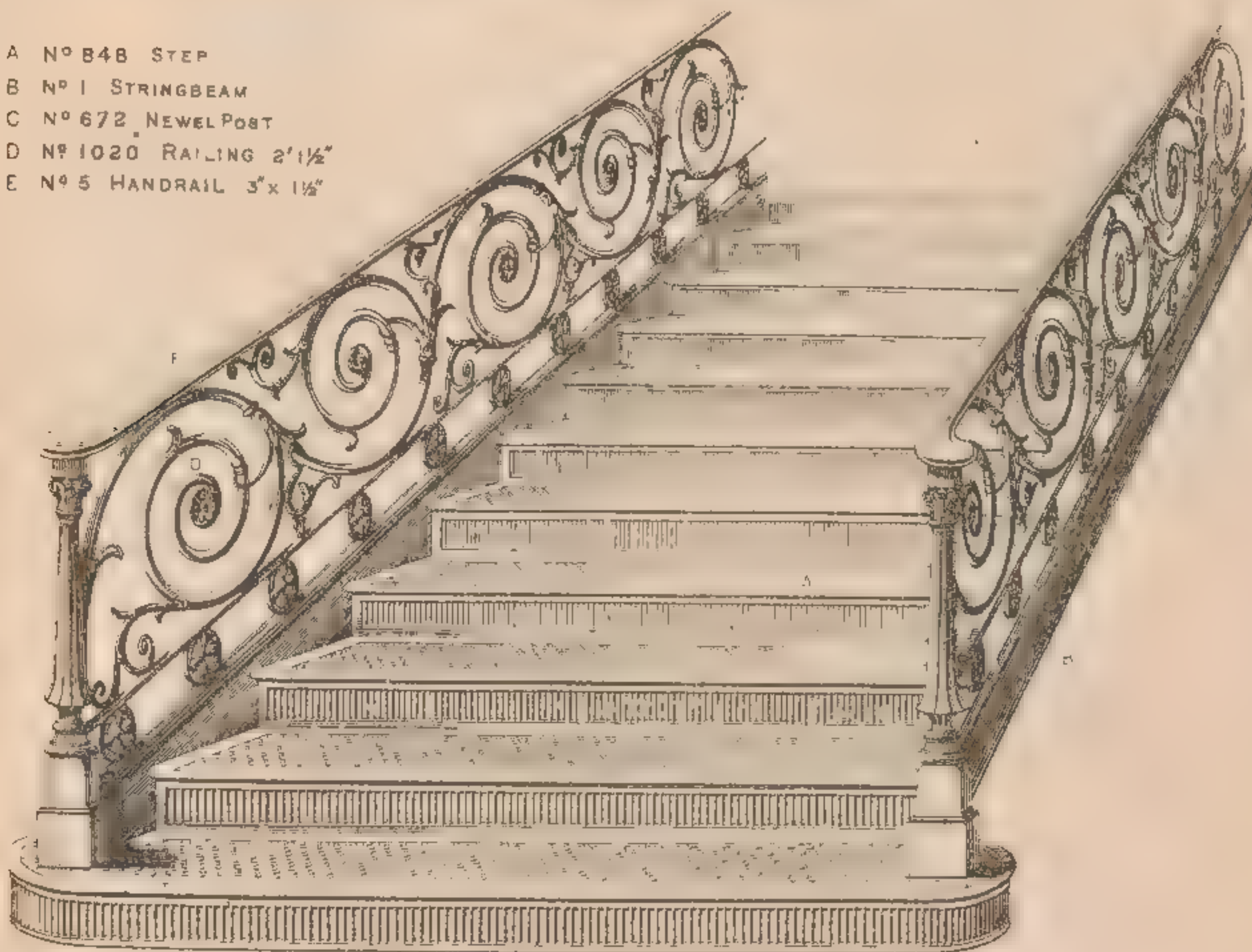
N° 847

- A N° 847 STEP
- B N° 1 STRINGBEAM
- C N° 682 NEWEL POST
- D N° 1071 BALUSTER
- E N° 5 HANDRAIL 2½" x 1¼"



N° 848

- A N° 848 STEP
- B N° 1 STRINGBEAM
- C N° 672 NEWEL POST
- D N° 1020 RAILING 2½"
- E N° 5 HANDRAIL 3" x 1½"



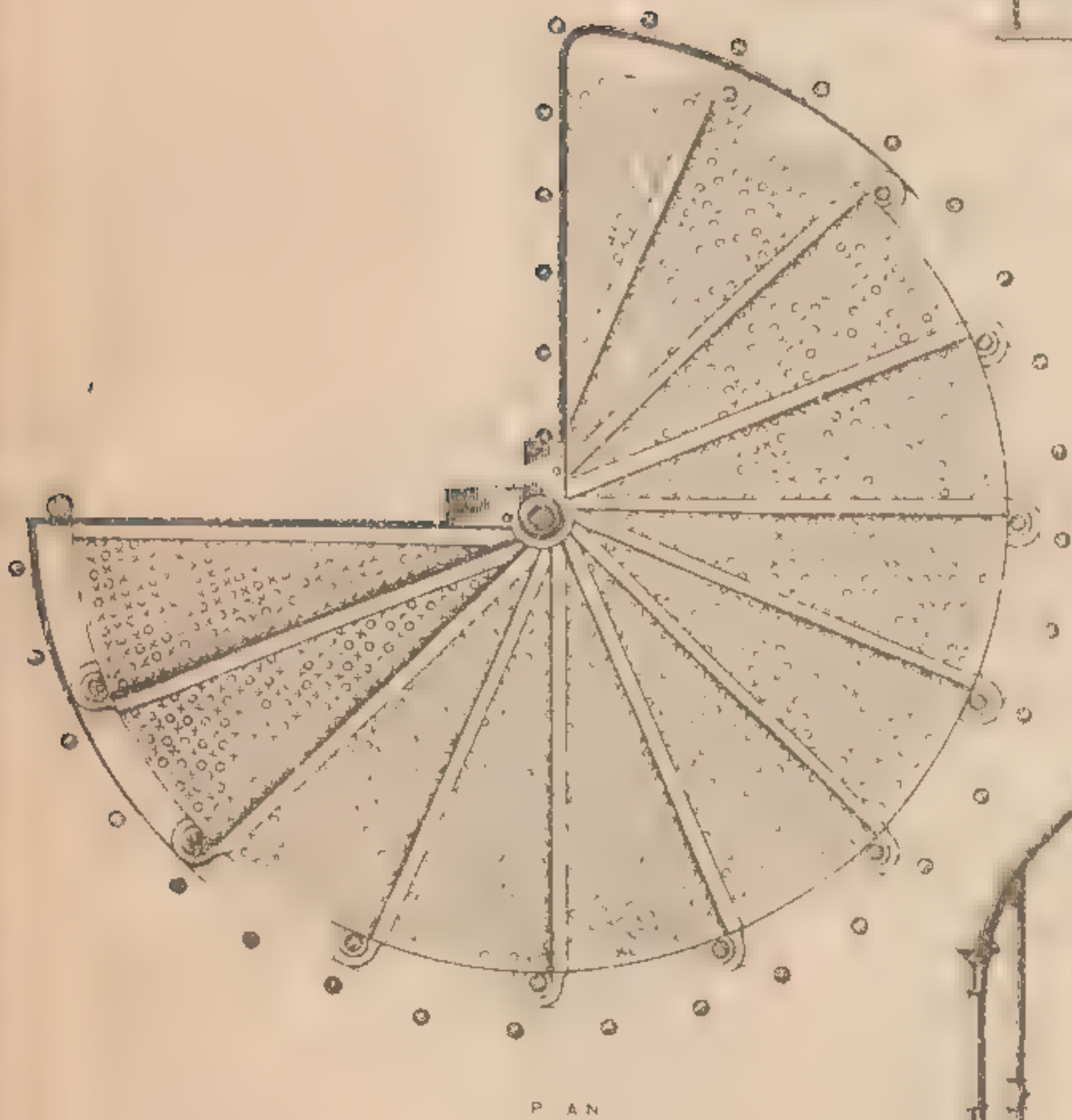
STEPS 10" x 6½" x 2'6"; 3'0"; 3'6"; 4'0"; 4'6"; 5'0"; 5'6" AND 6'0" BETWEEN STRINGBEAM
 " 11" x 6½" x 2'6"; 3'0"; 3'6"; 4'0"; 4'6"; 5'0"; 5'6" AND 6'0" " "
 " 12" x 6" x 4'0"; 4'6"; 5'0"; 5'6" AND 6'0" " "

Any other Railing Baluster or Newel Post may be applied to order.

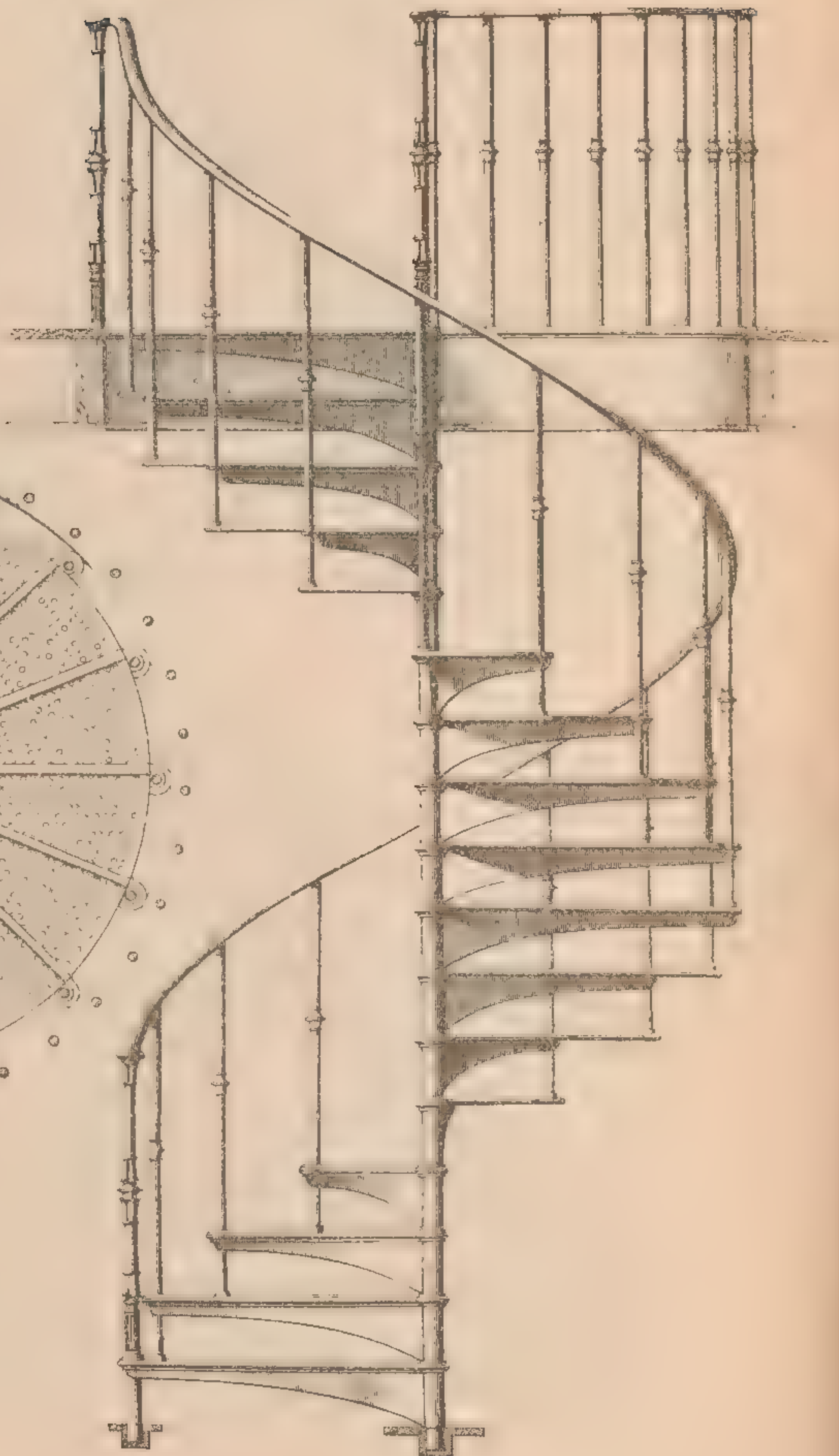
No 849

Right and Left Hand Wheel.

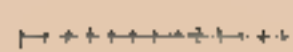
SIZES				
RADIUS		RISER		THREAD
2	0"	x	8"	x
2	3"	x	8"	x
2	6"	x	8"	x
2	9"	x	8"	x
3	0"	x	8"	x



PLAN



SCALE



1

2

3

4 FEET

Nº 79

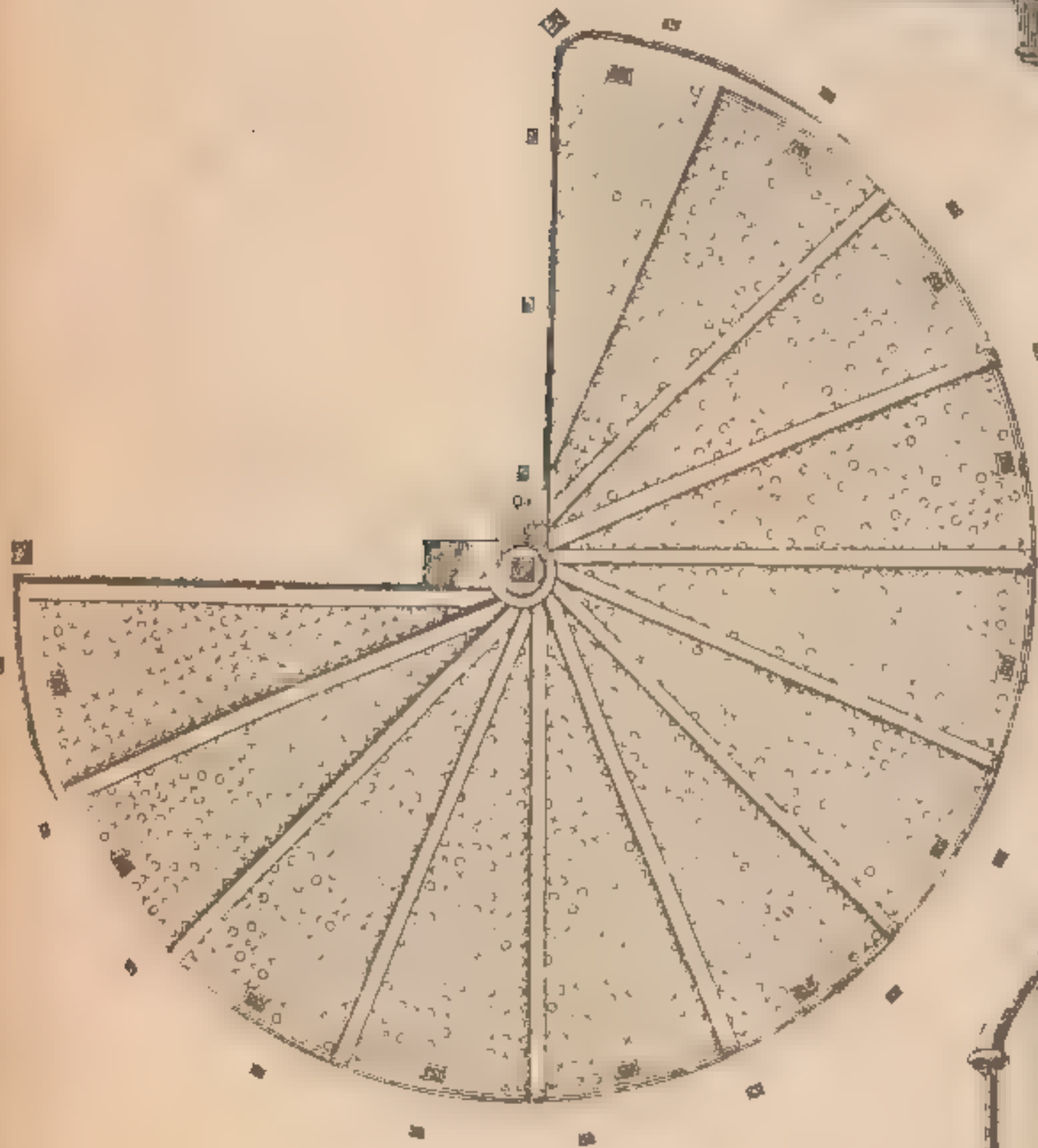
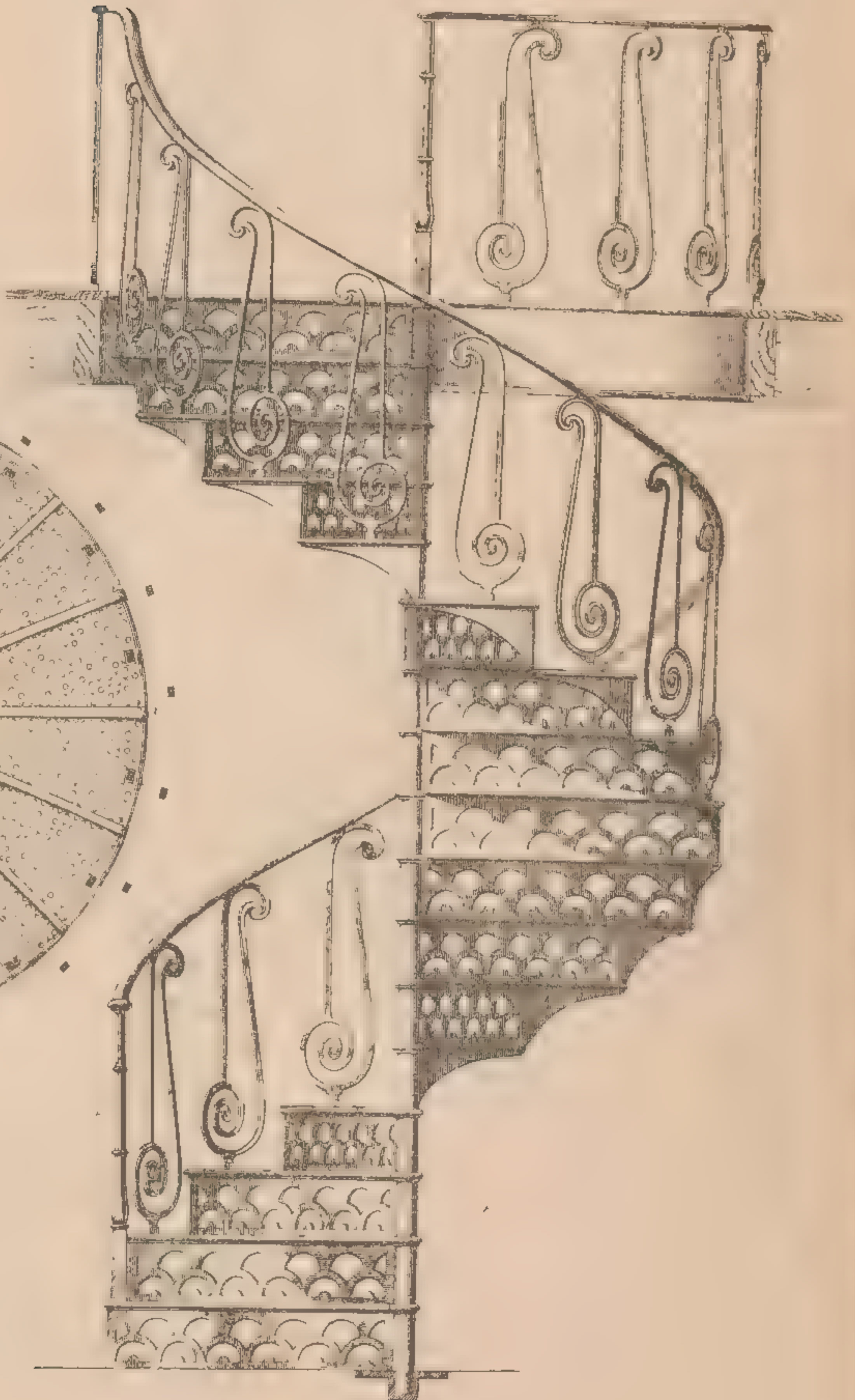
Right and Left Hand Wheel

RAD S R RER TREAD

2	0	x	4	x
2	5	x	5	x
2	6	x	8	x
2	9	x	6	x
3	0	x	8	x

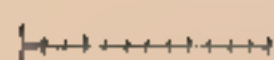
A Nº 65. RAILING STANDARD

B Nº 1071 BALUSTER



PLAN

SCALE



2

3

4 FEET

N° 639

Right and Left Hand Wheel.

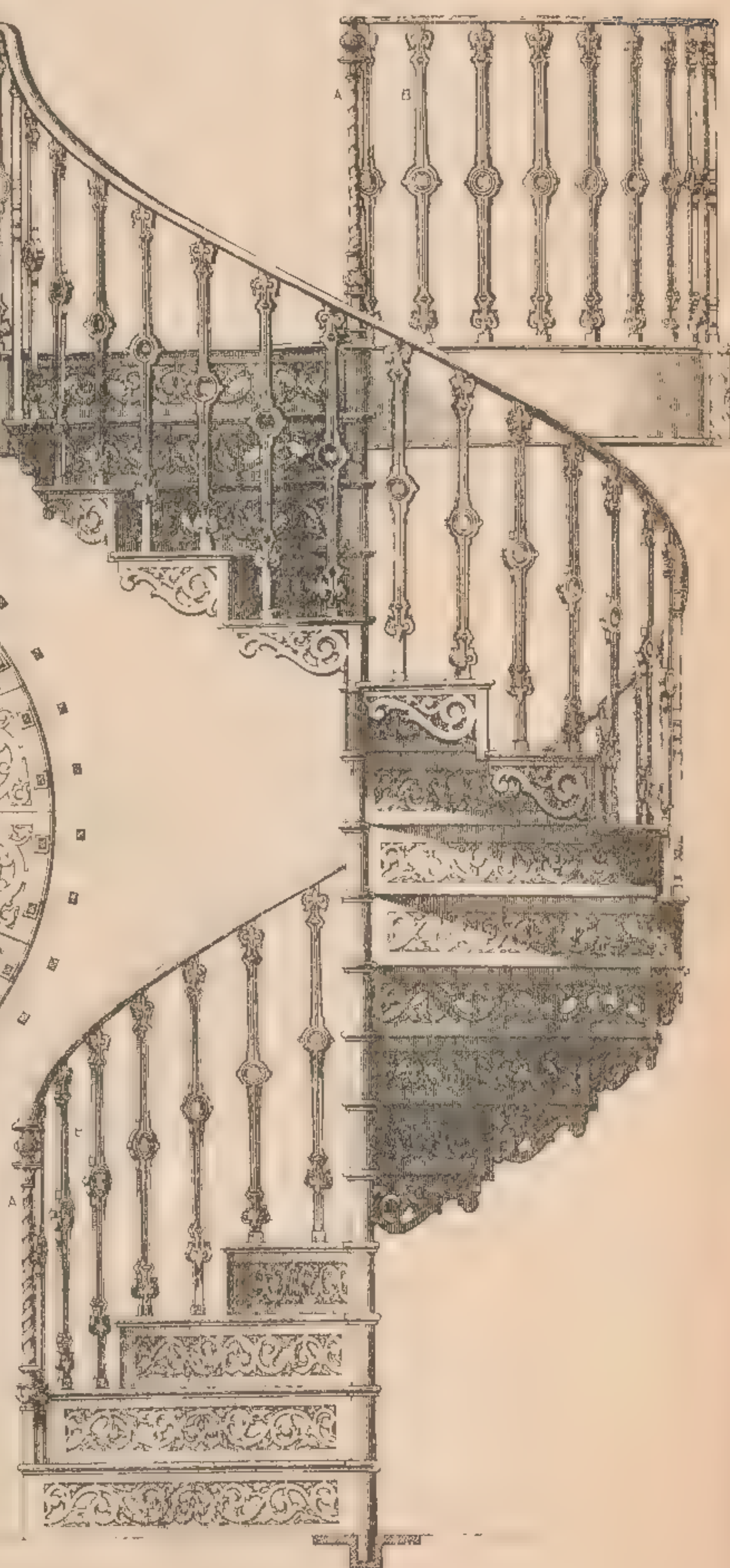
SIZES			
RADUS	RISER	TREAD	
2	2"	7 $\frac{3}{4}$ "	1' 1"
2	3 $\frac{1}{4}$ "	7 $\frac{3}{4}$ "	1' 1"
2	5"	7 $\frac{1}{2}$ "	1' 1"
2	6 $\frac{1}{4}$ "	8"	1' 1 $\frac{1}{2}$ "
2	9"	8"	1' 1"
3	0"	8 $\frac{1}{4}$ "	1' 1"
3	1 $\frac{1}{2}$ "	7 $\frac{3}{4}$ "	1' 1"

A N° 661 RAILING STANDARD
B N° 536 BALUSTER

SECTION
AT C
IN PLAN V



PLAN



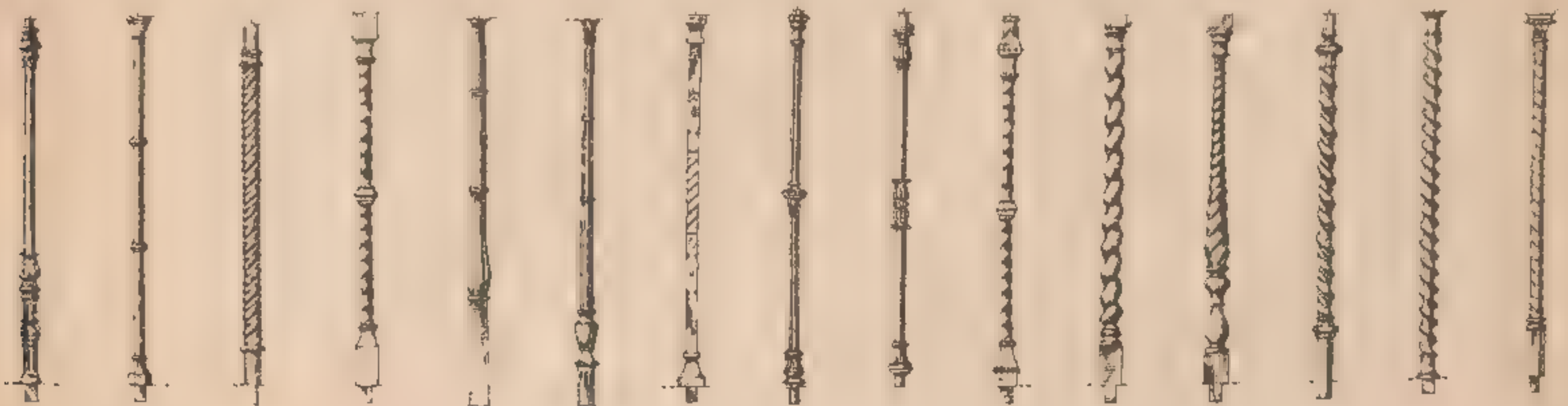
SCALE

1 2 3 4 FEET

Nº 853 Nº 475 Nº 479 Nº 476 Nº 485 Nº 477 Nº 480 Nº 490 Nº 481 Nº 1064 Nº 478 Nº 482 Nº 486 Nº 492 Nº 49 Nº 613



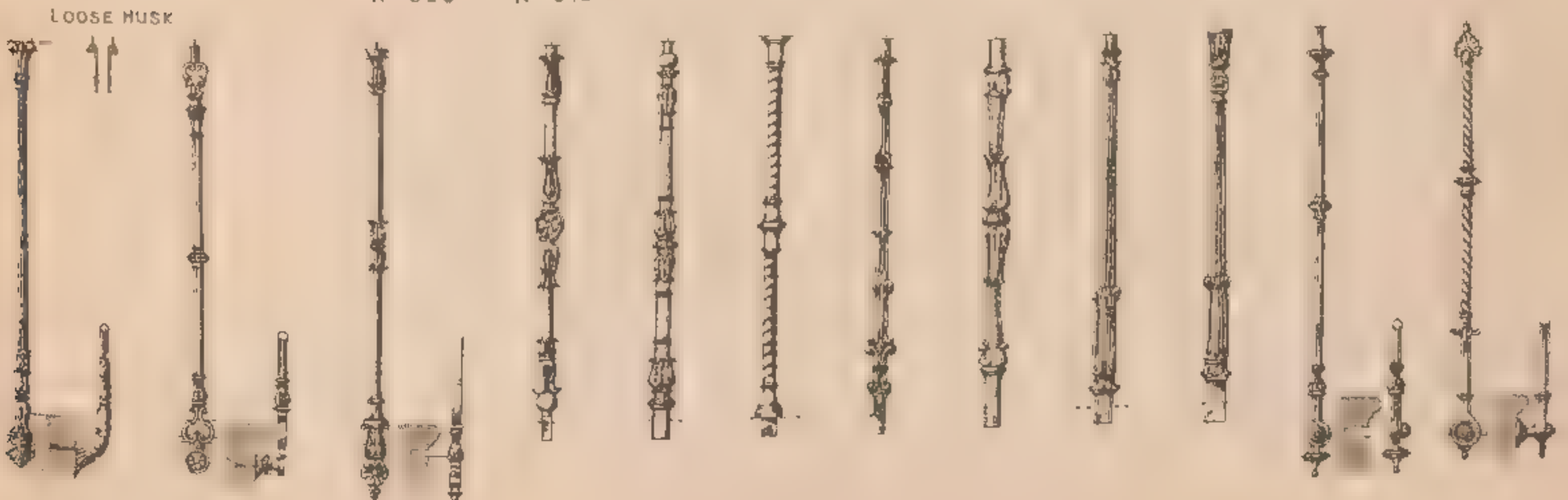
Nº 547 Nº 487 Nº 662 Nº 483 Nº 651 Nº 650 Nº 484 Nº 546 Nº 570 Nº 489 Nº 505 Nº 506 Nº 656 Nº 494 Nº 493



Nº 571 Nº 495 Nº 496 Nº 500 Nº 510 Nº 501 Nº 497 Nº 616 Nº 529 Nº 518 Nº 512 Nº 488 Nº 514 Nº 502 Nº 503



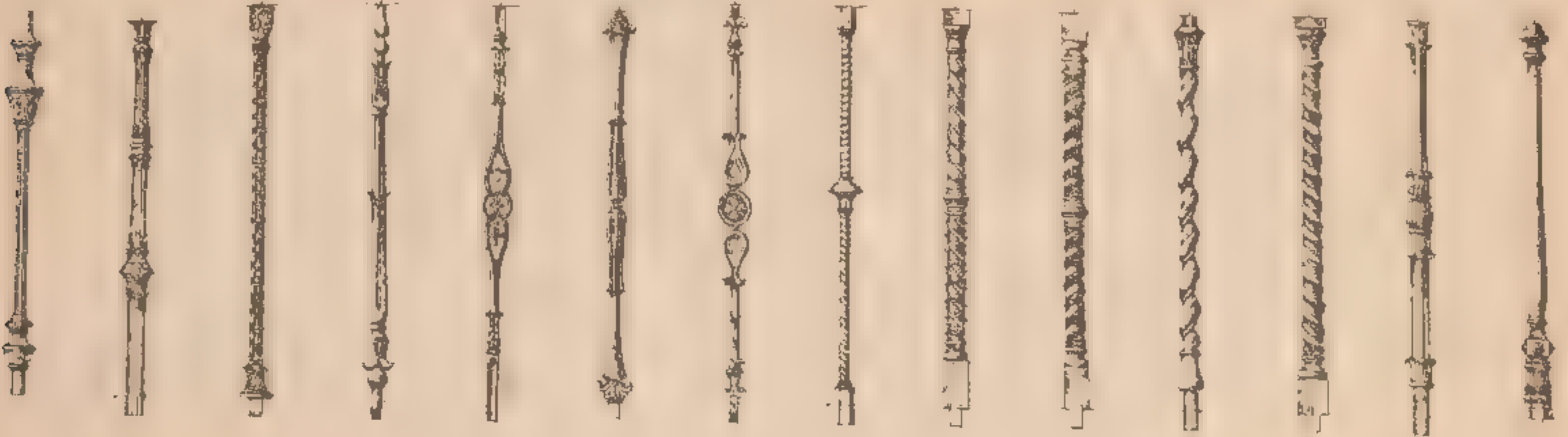
Nº 625 Nº 621 Nº 635 Nº 515 Nº 653 Nº 498 Nº 499 Nº 659 Nº 854 Nº 852 Nº 961 Nº 630



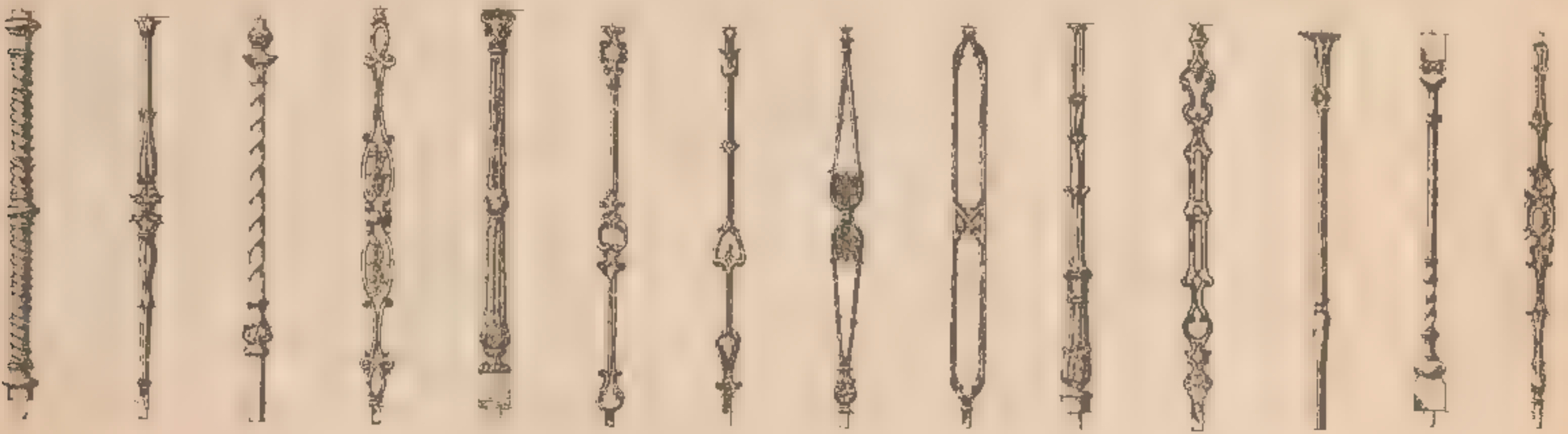
SCALE

4 FEET

Nº 1019 Nº 658 Nº 609 Nº 513 Nº 511 Nº 625 Nº 519 Nº 517 Nº 528 Nº 532 Nº 667 Nº 527 Nº 655 Nº 877



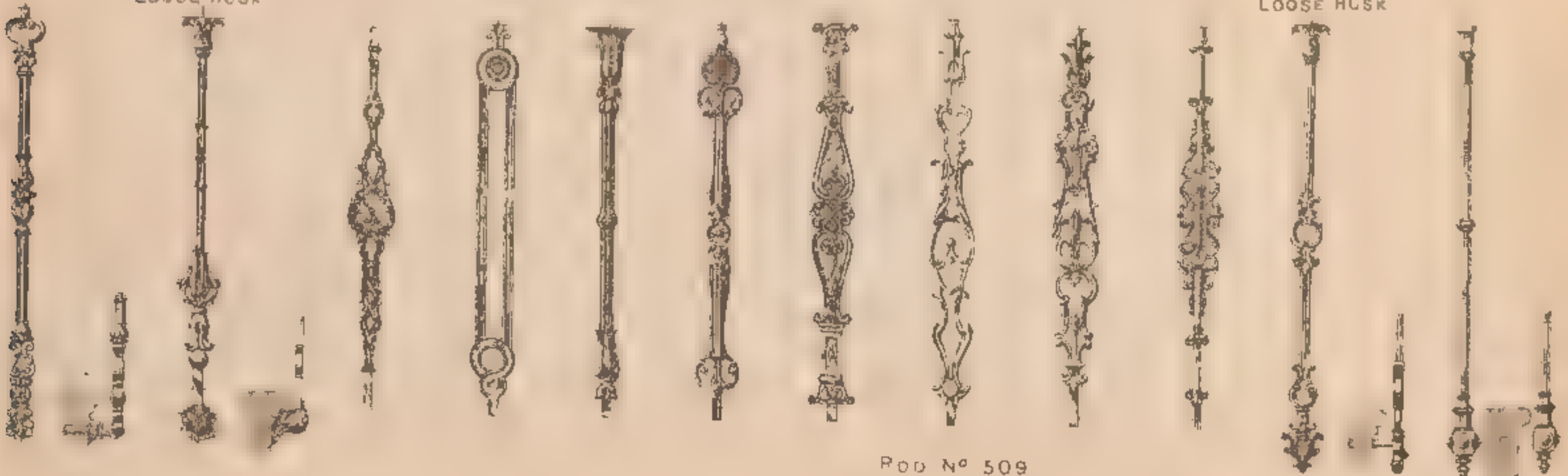
Nº 504 Nº 507 Nº 661 Nº 522 Nº 678 Nº 508 Nº 509 Nº 523 Nº 524 Nº 695 Nº 520 Nº 533 Nº 526 Nº 521



Nº 699 Nº 531 Nº 536 Nº 535 Nº 543 Nº 538 Nº 537 Nº 544 Nº 545 Nº 550 Nº 539 Nº 549 Nº 551 Nº 542



Nº 620 Nº 637 Nº 554 Nº 530 Nº 557 Nº 540 Nº 553 Nº 552 Nº 555 Nº 562 Nº 638 Nº 94.
LOOSE HUSK LOOSE HUSK

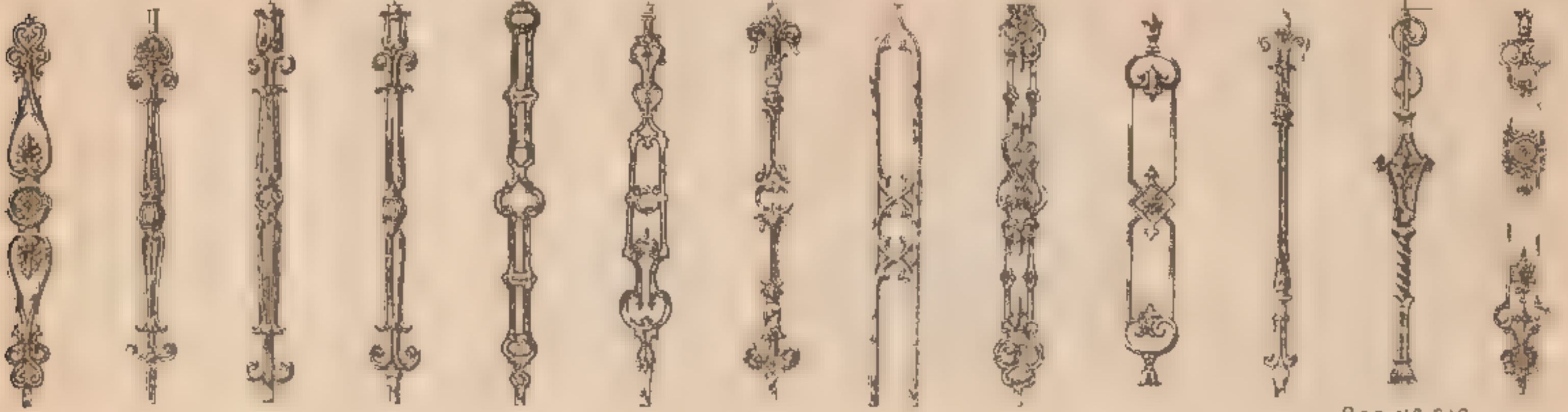


ROD Nº 509

SCALE

1 2 3 4 FEET

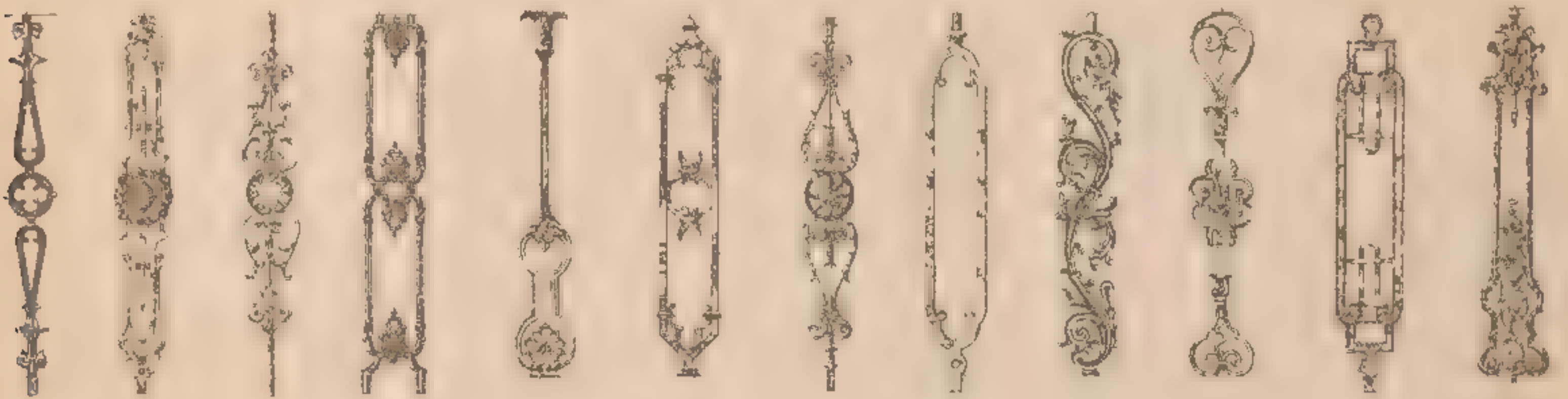
Nº 560 Nº 554 Nº 556 Nº 558 Nº 541 Nº 559 Nº 573 Nº 561 Nº 572 Nº 1044 Nº 565 Nº 614 Nº 566



ROD Nº 520

ROD Nº 613

Nº 564 Nº 574 Nº 563 Nº 575 Nº 1108 Nº 618 Nº 567 Nº 576 Nº 578 Nº 915 Nº 579 Nº 577



ROD Nº 570

Nº 605 Nº 580 Nº 644 Nº 548 Nº 584 Nº 58 Nº 592 Nº 60 Nº 590 Nº 645 Nº 588

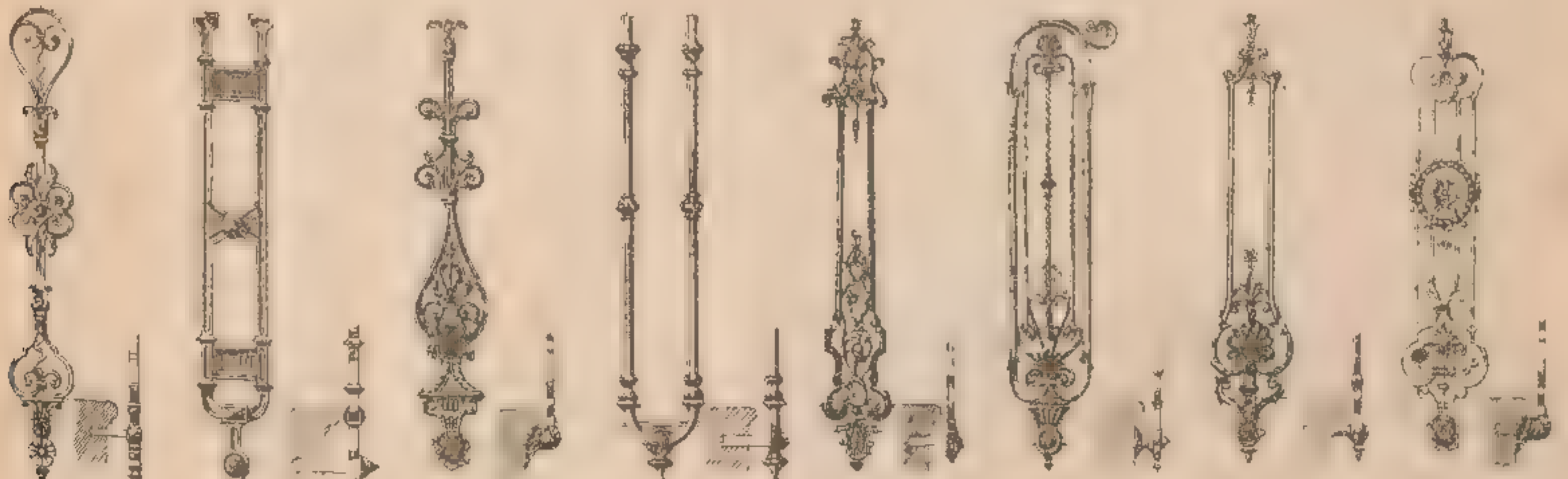


ROD Nº 1064

ROD Nº 531

ROD Nº 51

Nº 634 Nº 34 Nº 636 Nº 960 Nº 626 Nº 632 Nº 1120 Nº 628



ROD Nº 635

ROD Nº 637

ROD Nº 961

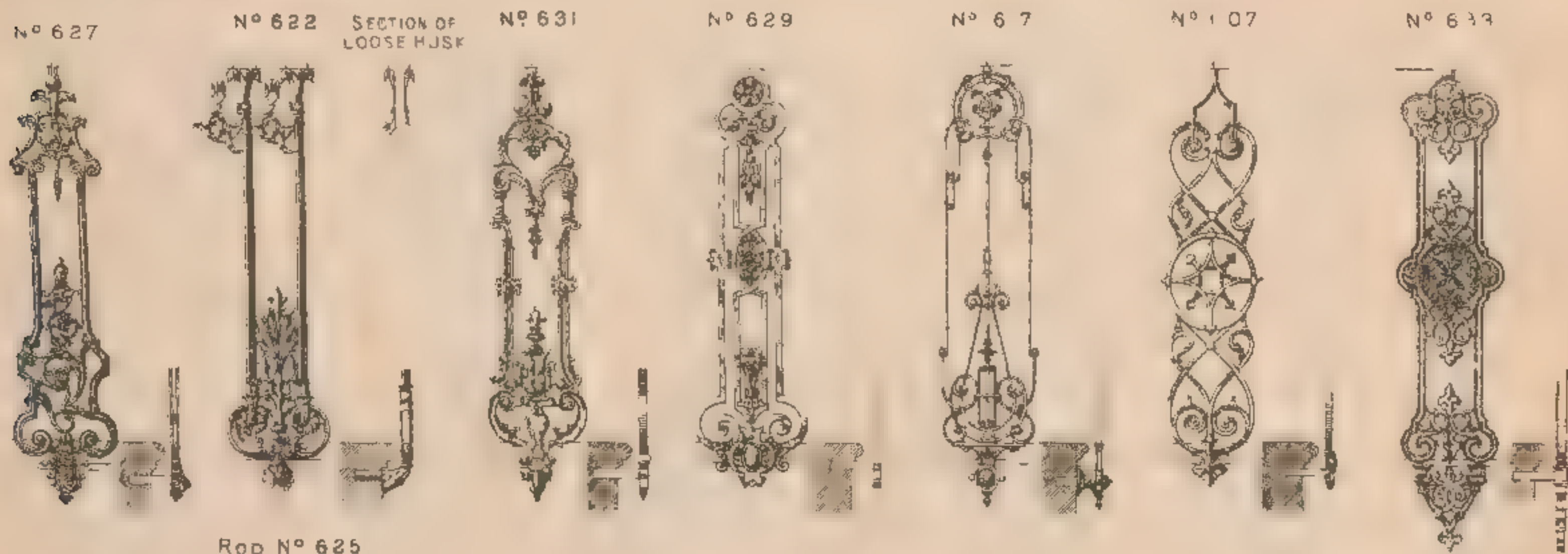
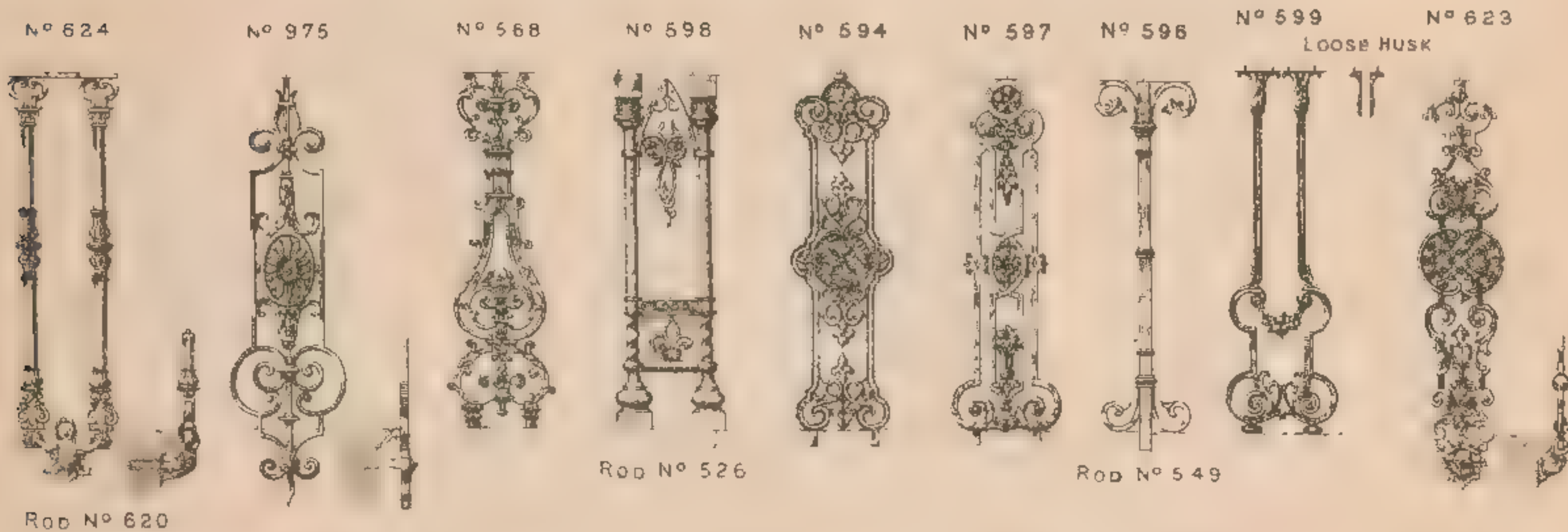
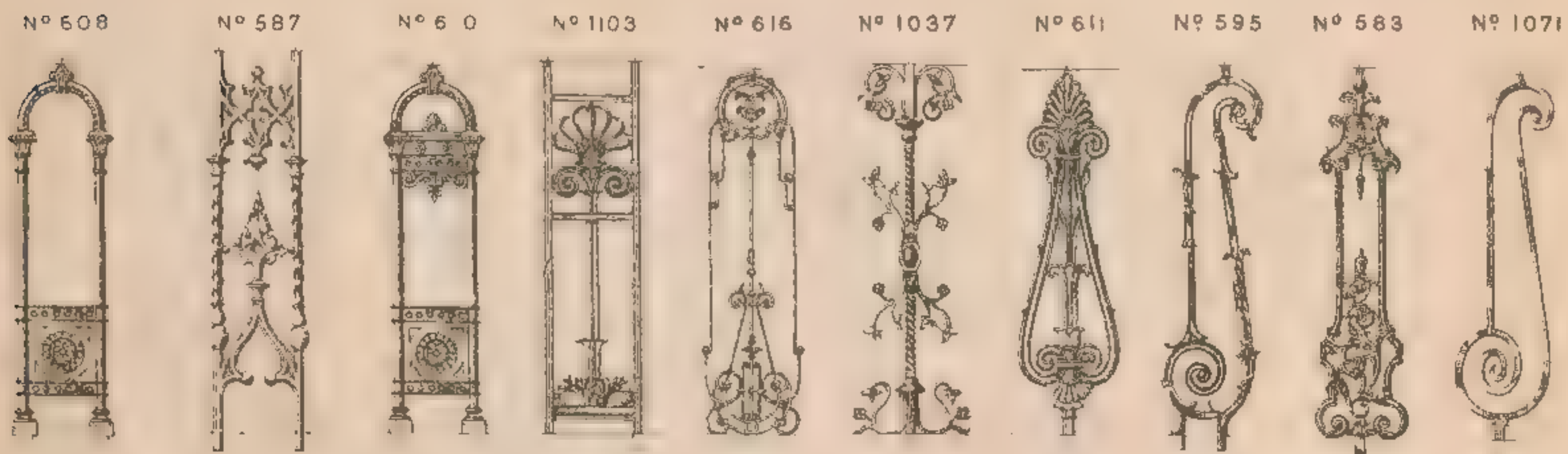
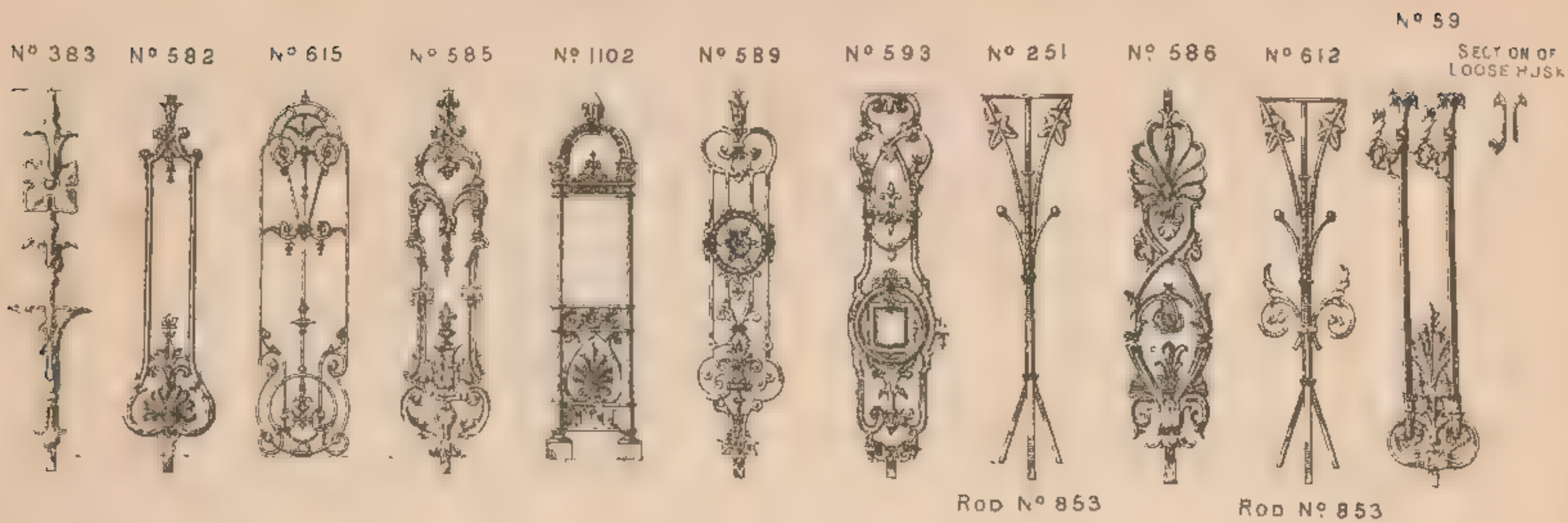
ROD Nº 630

ROD Nº 630

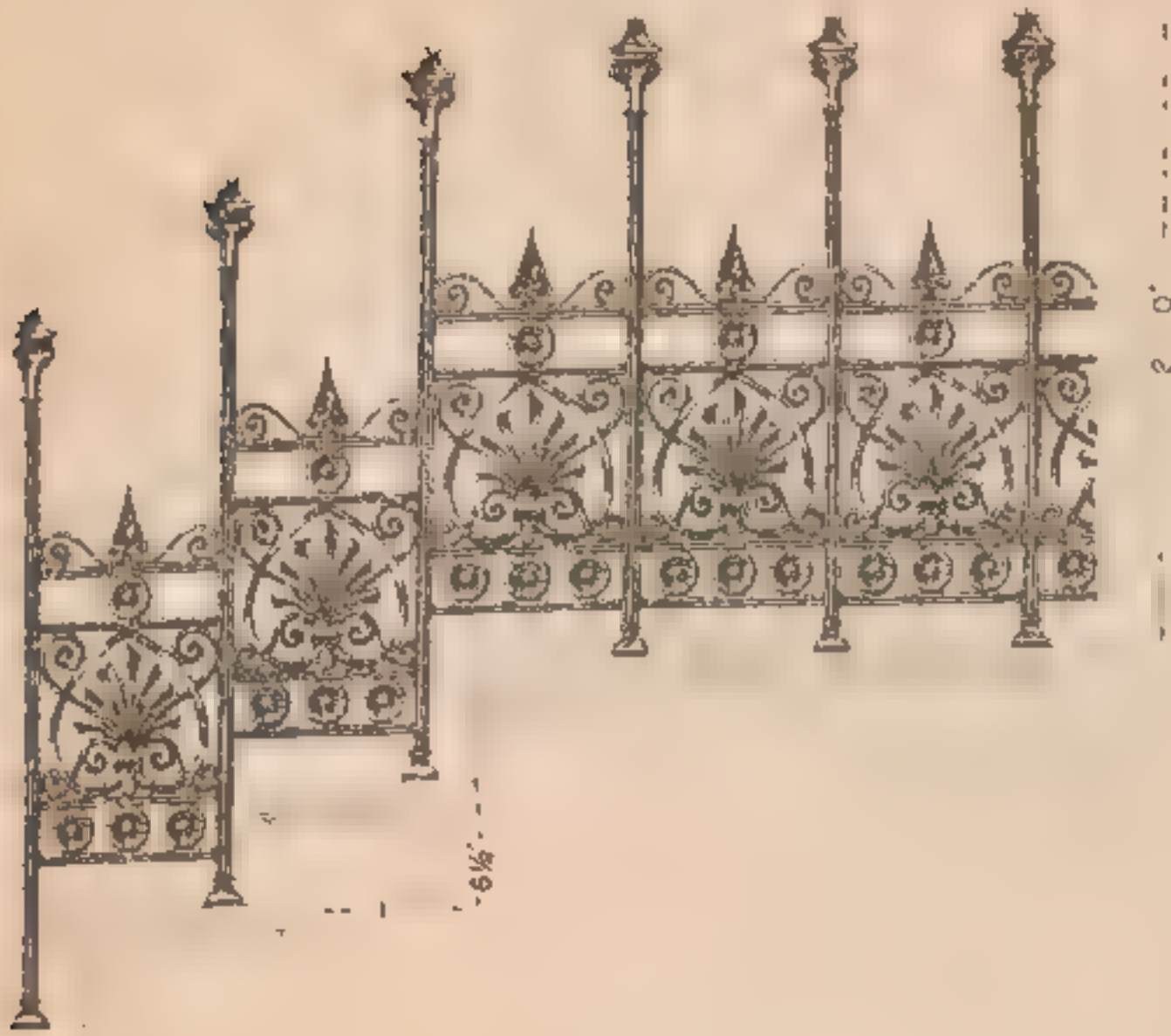
ROD Nº 637

SCALE

2 1 4 FEET



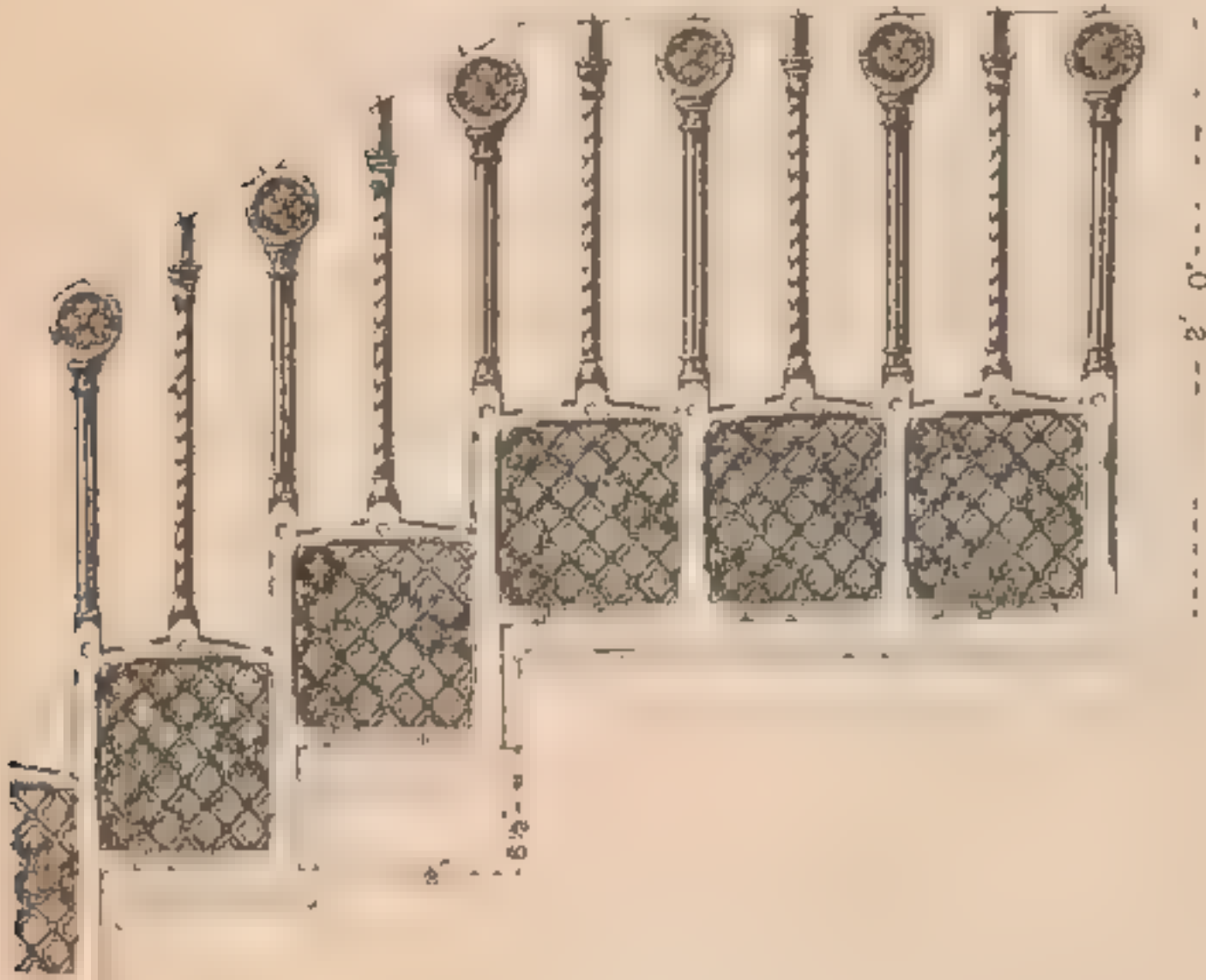
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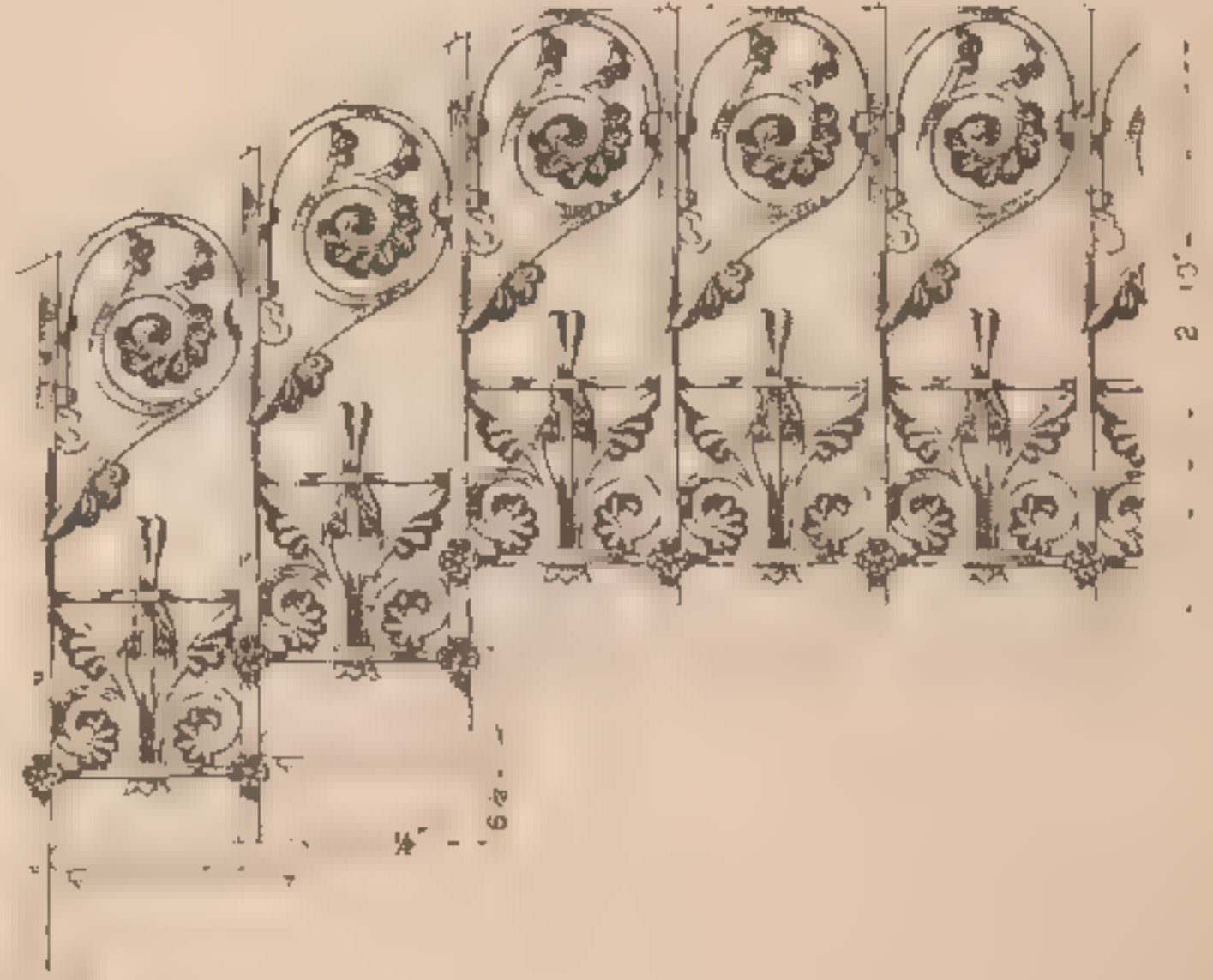
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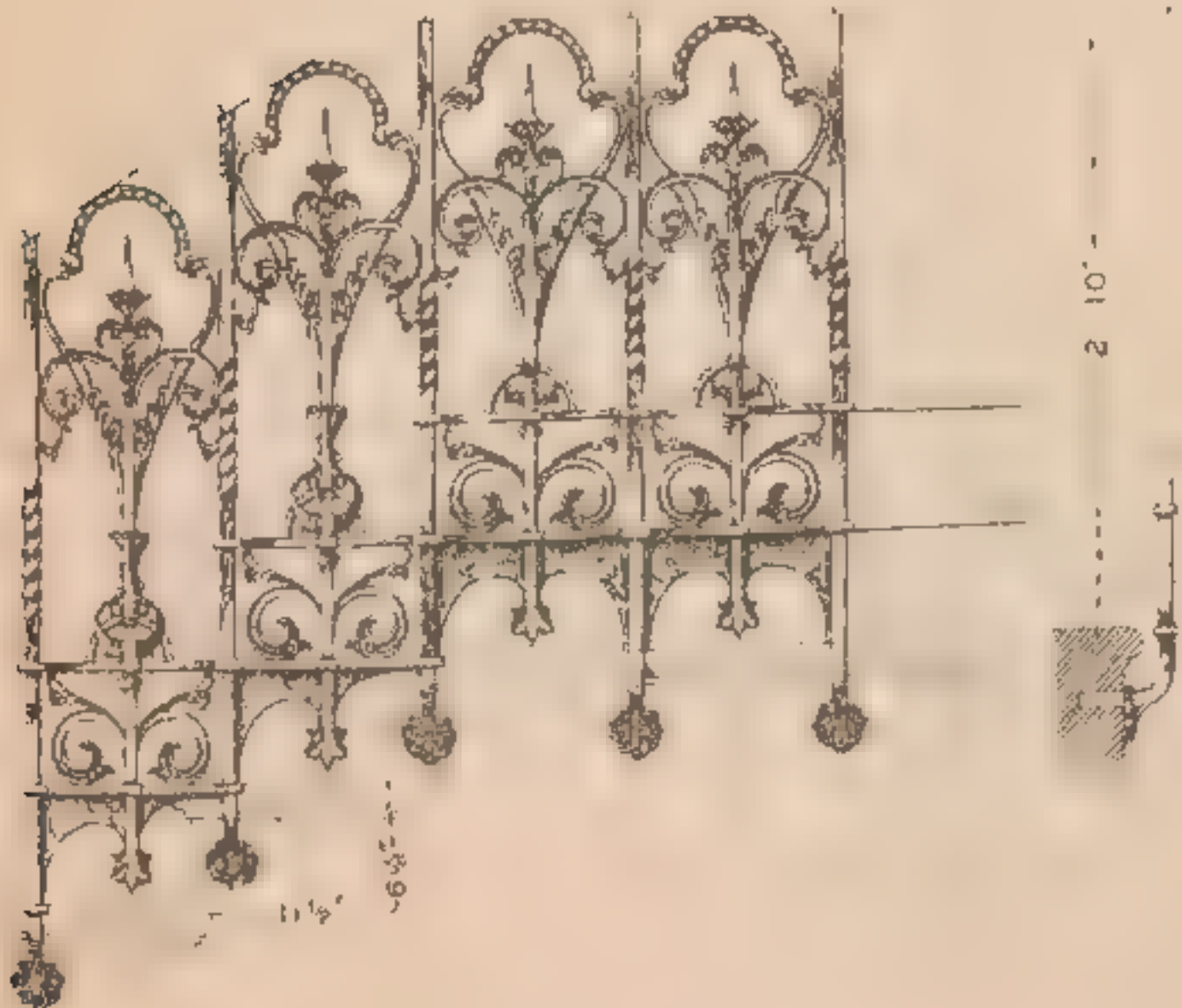
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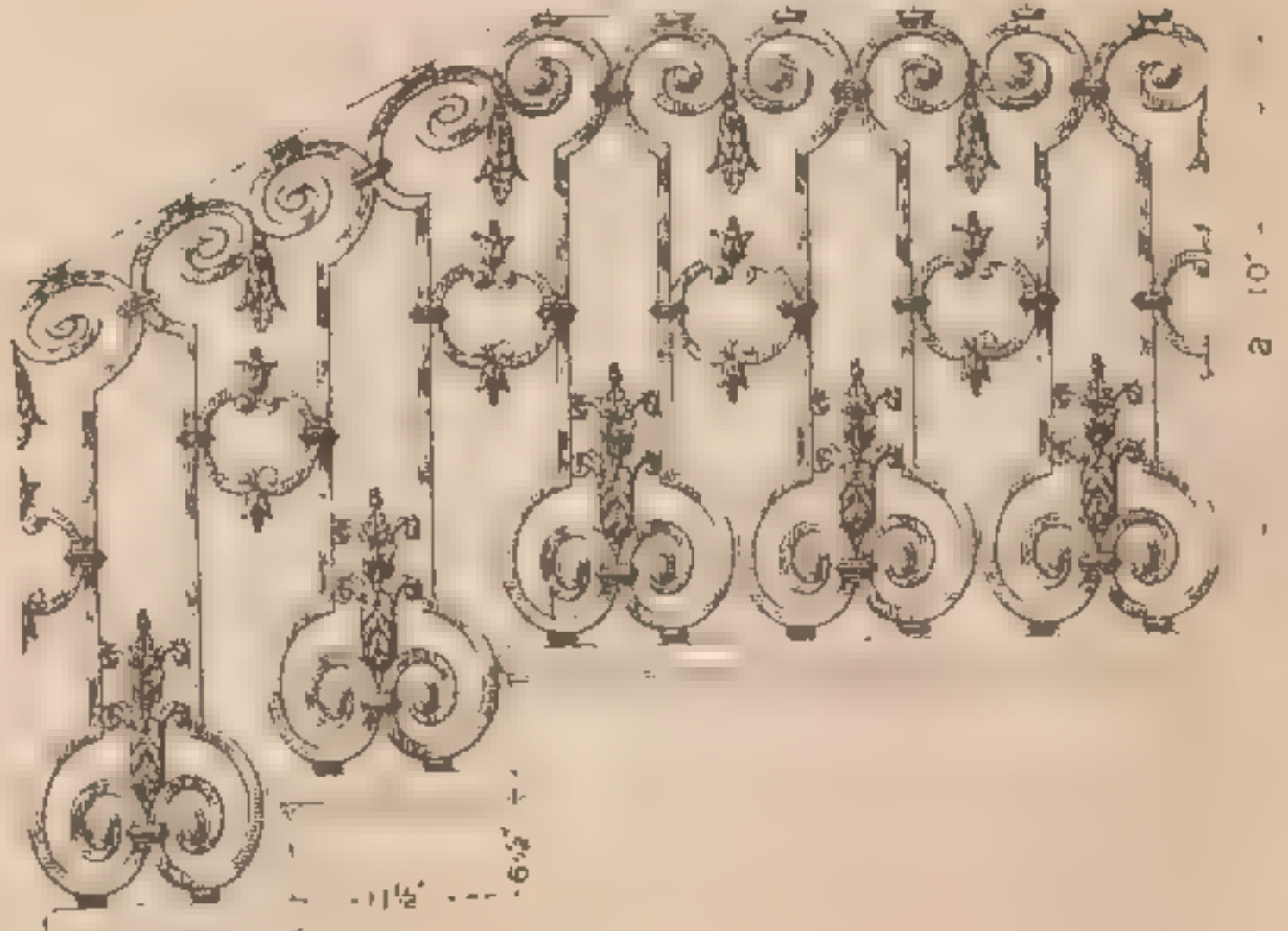
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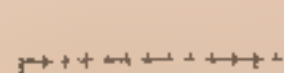
Nº 619



Nº 600

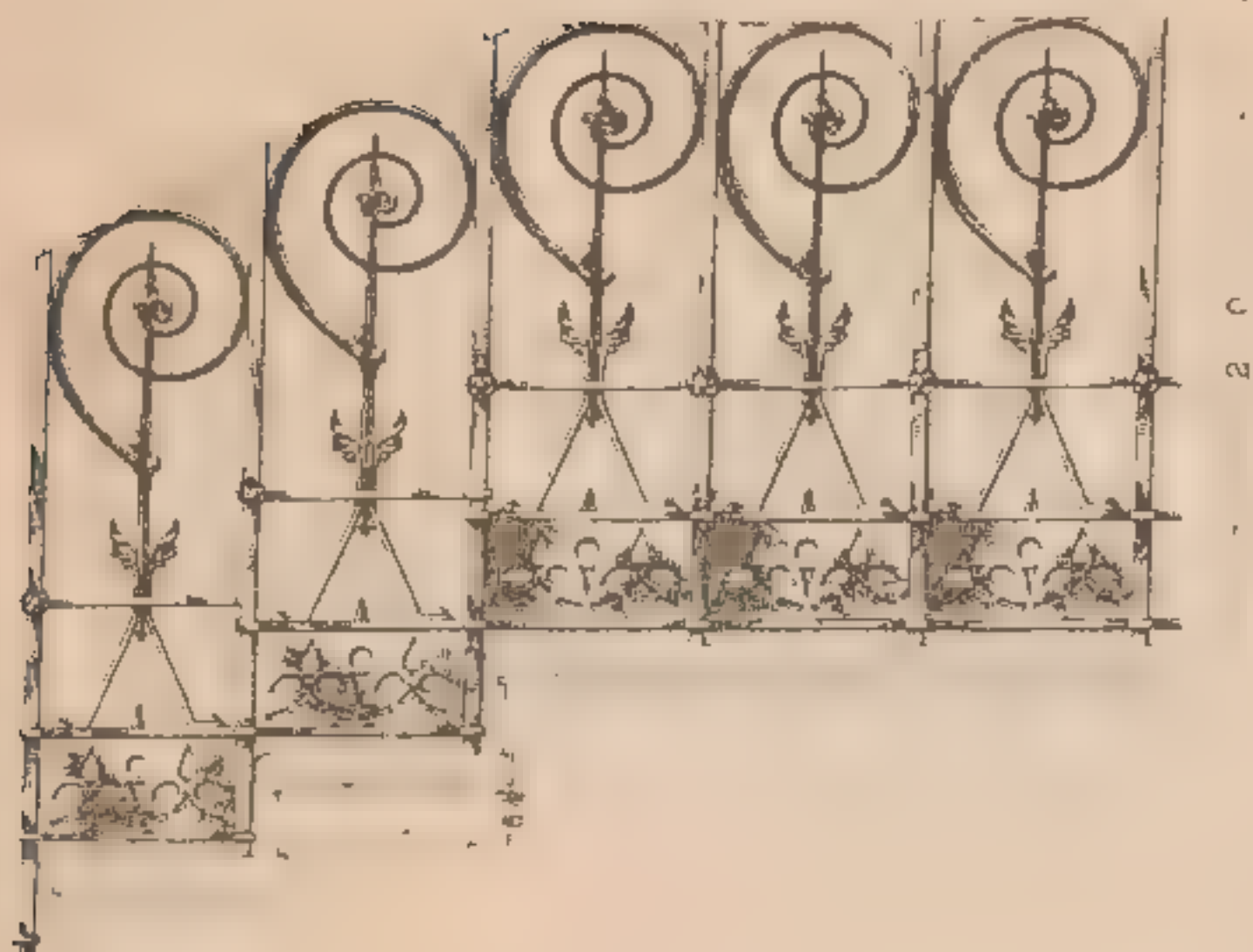


SCALE

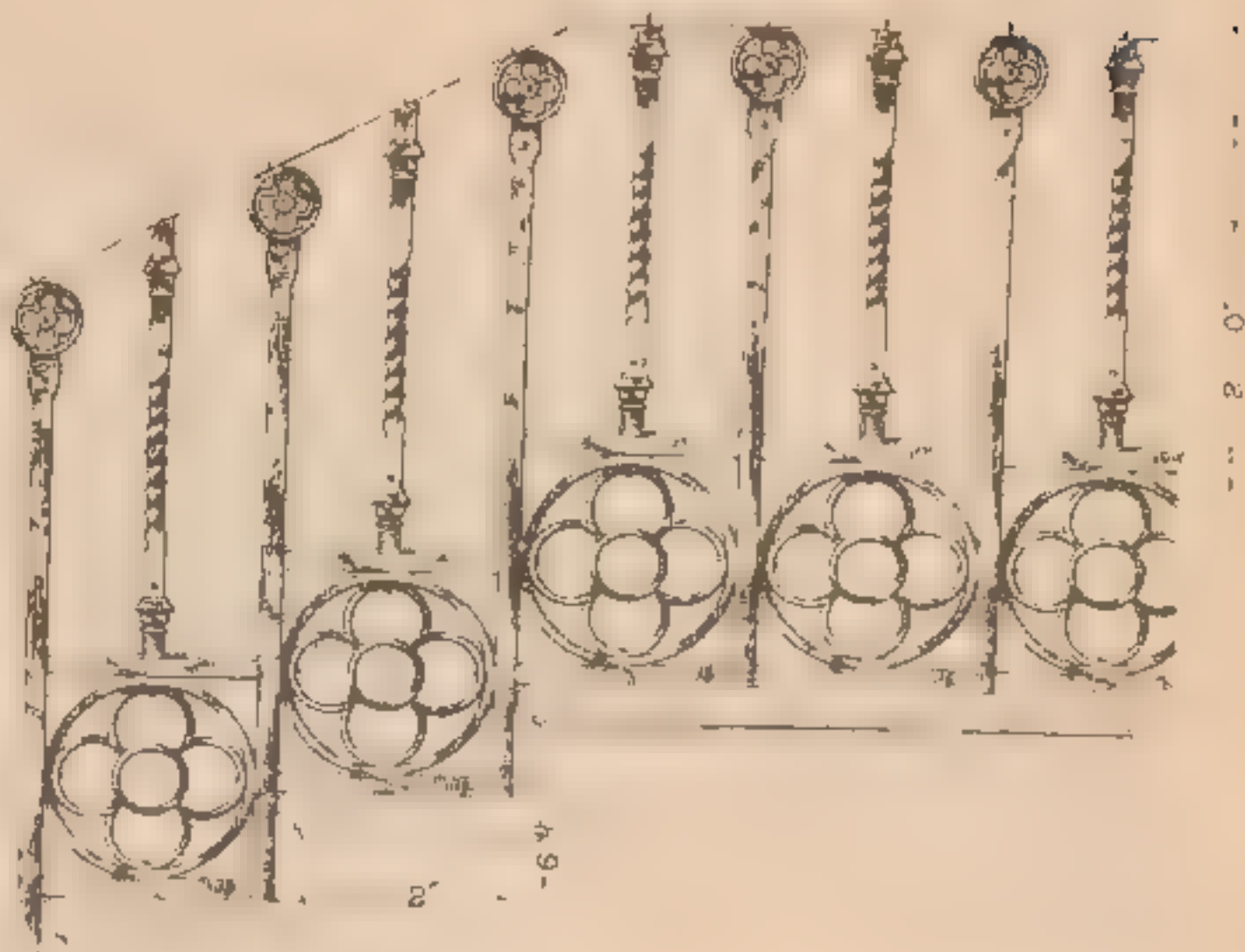


4 FEET

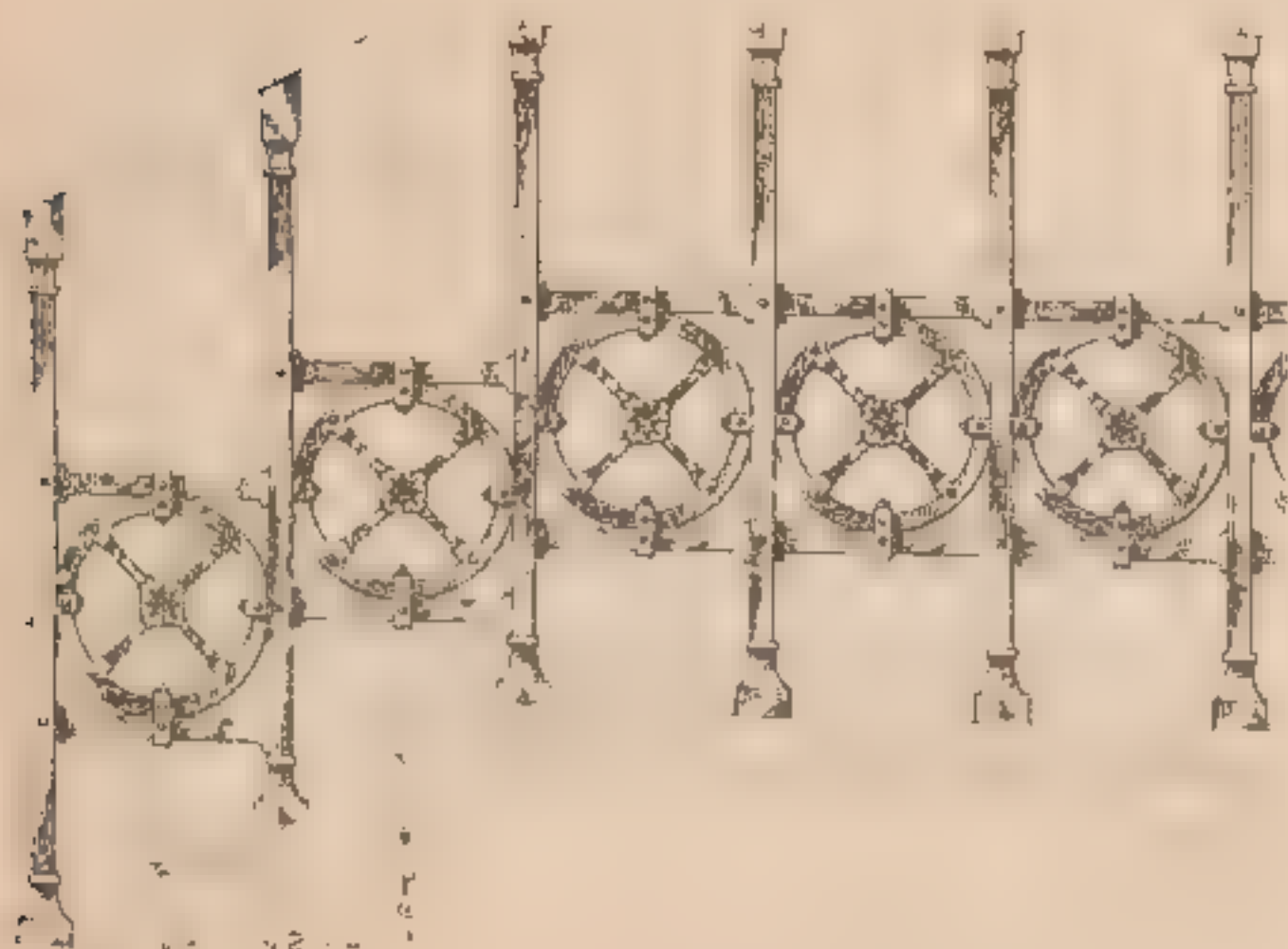
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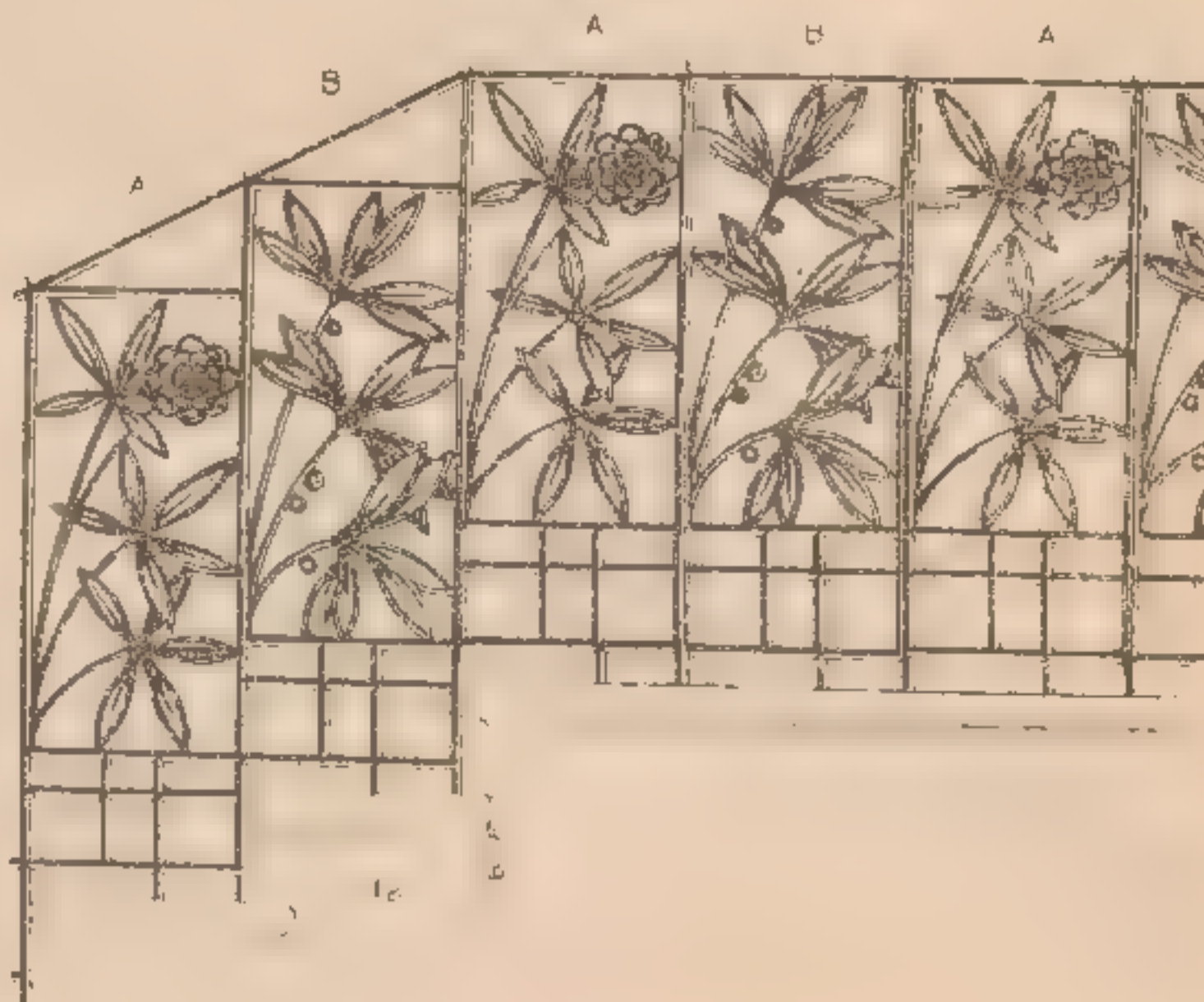
Nº 602



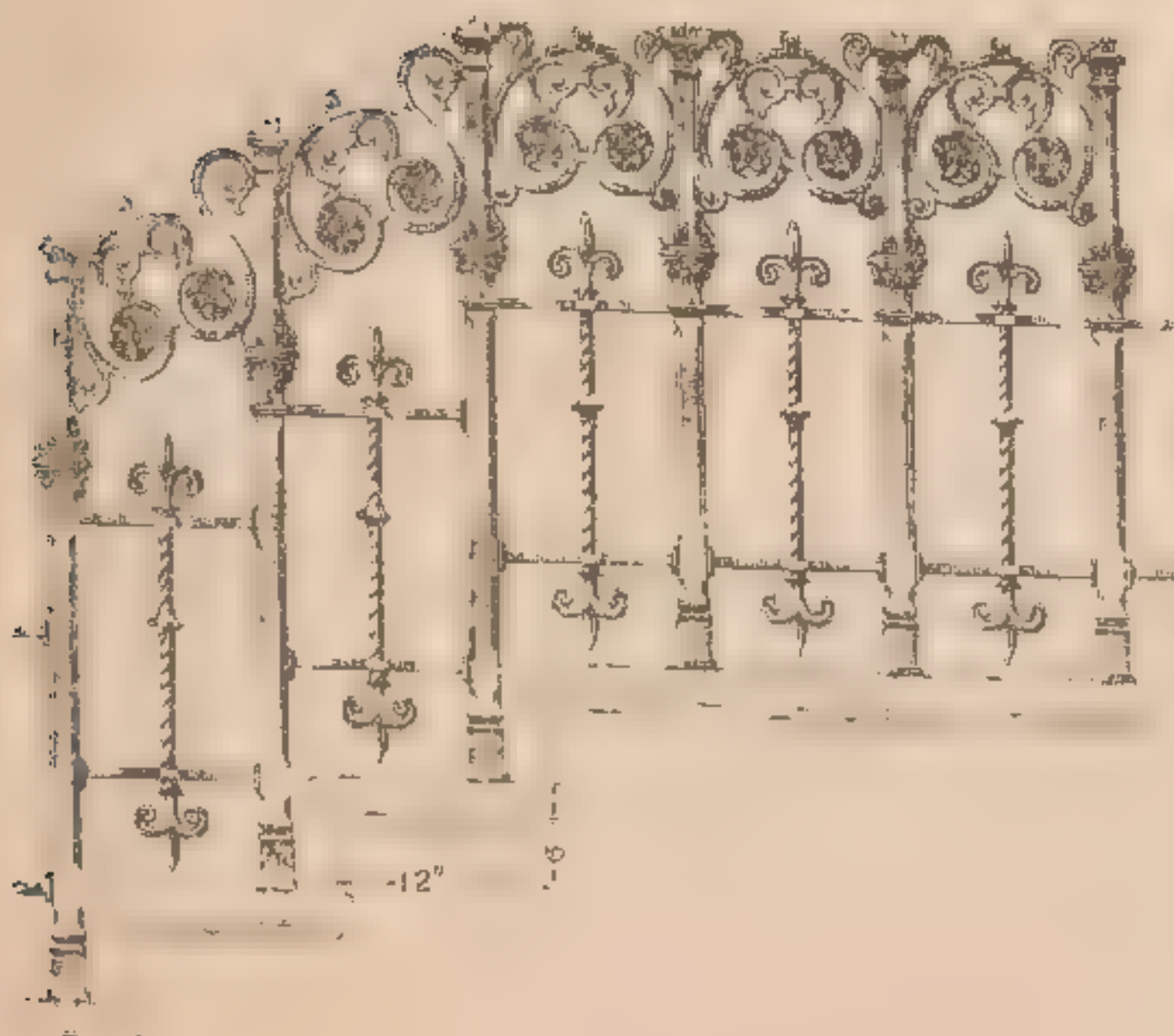
Nº 653



A Nº 1060
B Nº 106



Nº 962



Nº 958



SCALE



1"

4 FEET

Nº 651



Nº 650



Nº 683



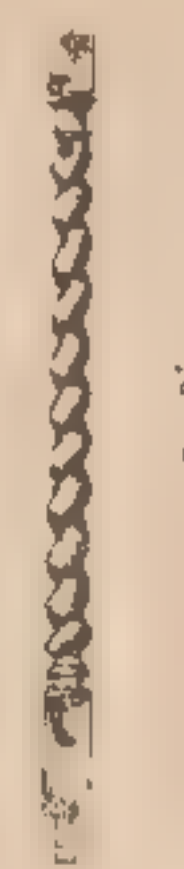
Nº 656



Nº 502



Nº 505



Nº 506



Nº 658



Nº 654



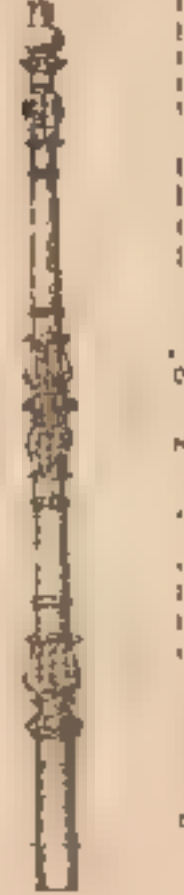
Nº 652



Nº 659



Nº 663



Nº 657



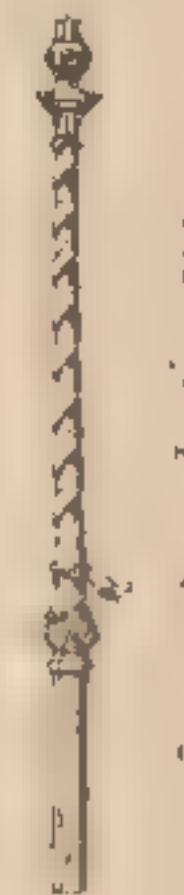
Nº 528



Nº 532



Nº 661



Nº 660



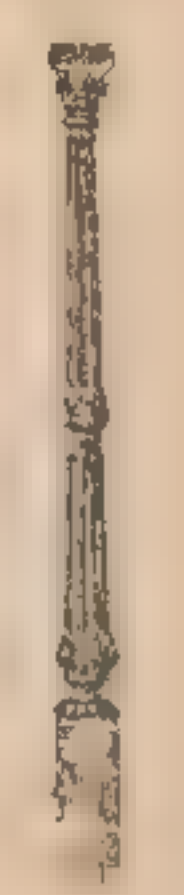
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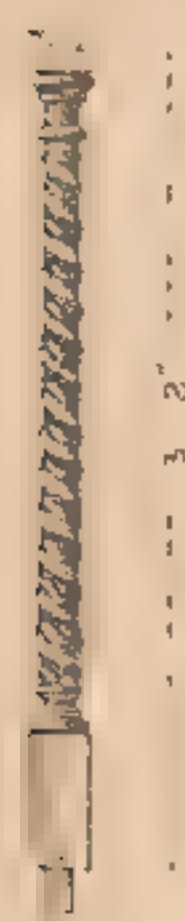
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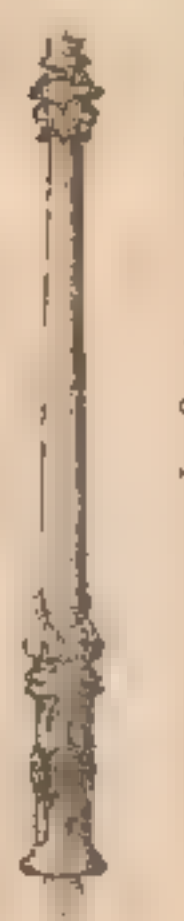
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Nº 527



Nº 682



Nº 683



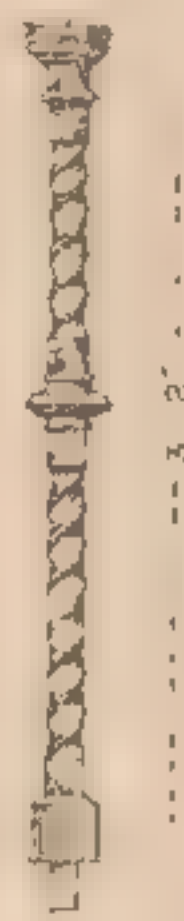
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Nº 699



Nº 669



Nº 686



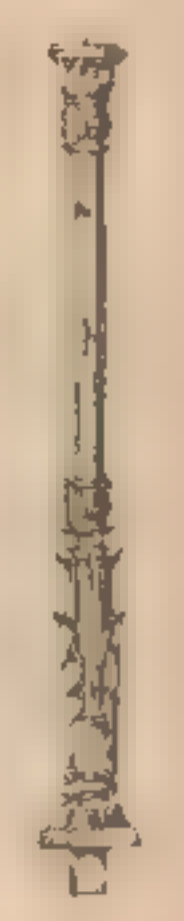
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Nº 695



Nº 680



Nº 664



Nº 997



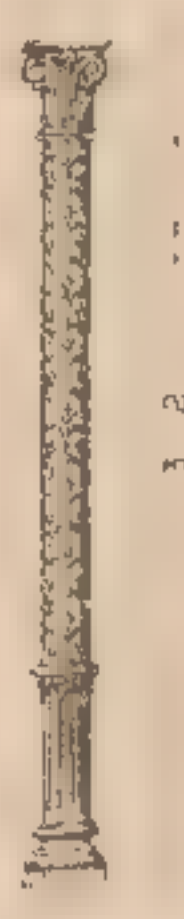
Nº 609



Nº 666



Nº 716



Nº 671



Nº 1100



Nº 876



Nº 746



Nº 668



SCALE

4 FEET

Nº 670



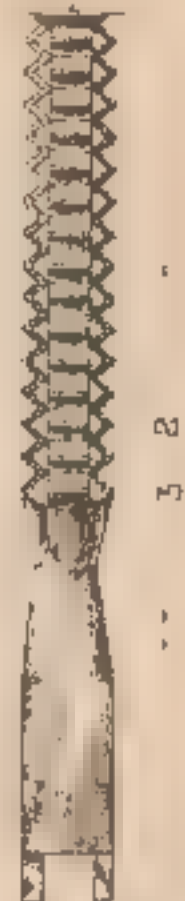
Nº 137



Nº 697



Nº 667



Nº 696



Nº 703



Nº 977



Nº 1055



Nº 676



Nº 577



Nº 75



Nº 673



Nº 1039



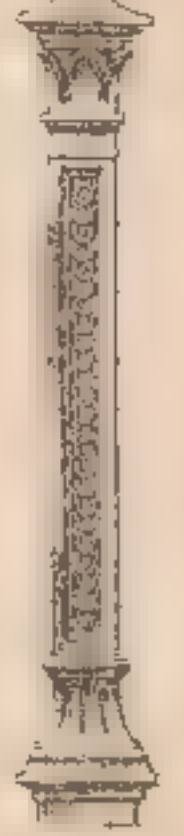
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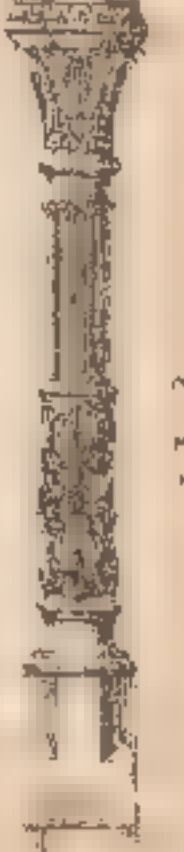
Nº 684



Nº 987



Nº 685



Nº 674



Nº 675



Nº 679



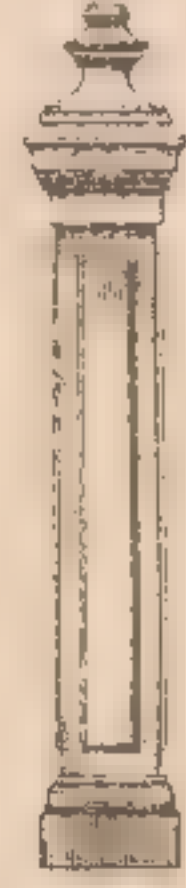
Nº 681



Nº 713



Nº 694



Nº 714



Nº 679



Nº 712



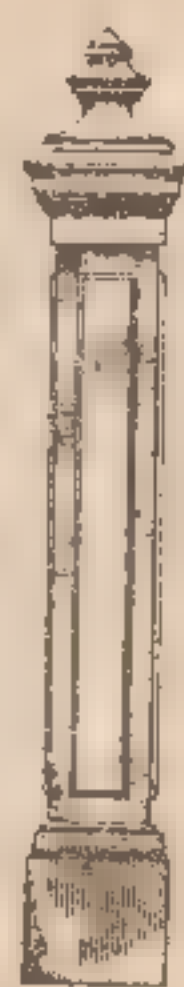
Nº 689



Nº 680



Nº 694



Nº 693



Nº 690



Nº 689



Nº 854



SCALE

+++++

1"

3"

4 FEET

HANDRAIL BRACKETS

Nº 1
FOR STONE

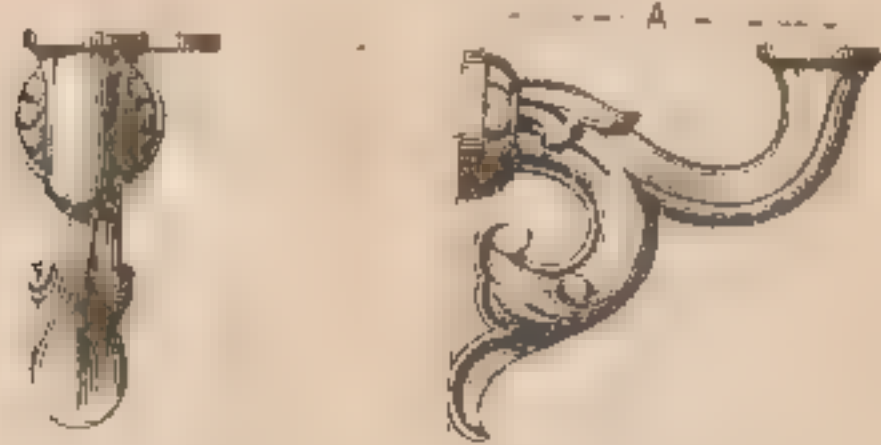


FOR WOOD



3" Projection at A.

Nº 2
FOR STONE



FOR WOOD



3", 4", and 5" Projection at A.

Nº 3
FOR STONE



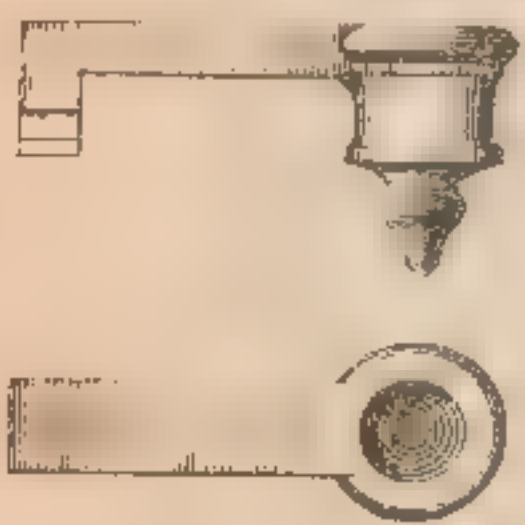
FOR WOOD



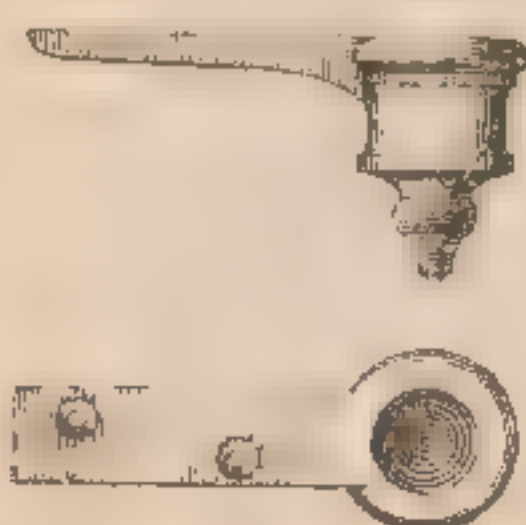
3" Projection at A.

BALUSTER SOCKETS.

FOR STONE



FOR WOOD

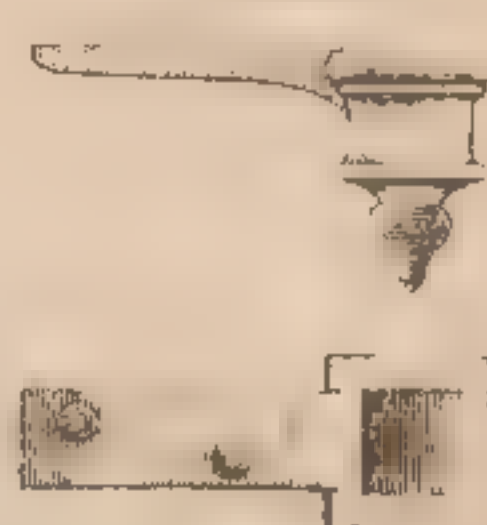


$\frac{3}{4}$ ", $\frac{7}{8}$ ", 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ", 1 $\frac{3}{4}$ ", and 2" diameter

FOR STONE

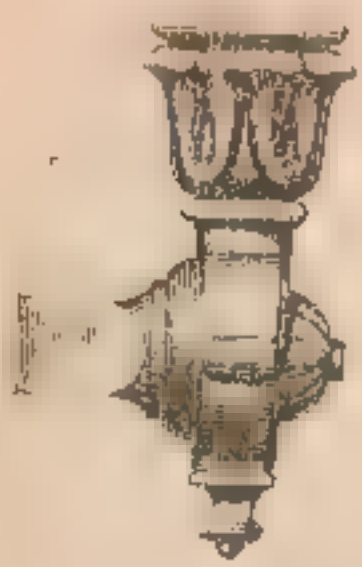


FOR WOOD



$\frac{3}{4}$ ", $\frac{7}{8}$ ", 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ", 1 $\frac{3}{4}$ ", and 2" square

FOR STONE



FOR WOOD



$\frac{3}{4}$ ", $\frac{7}{8}$ ", 1", and 1 $\frac{1}{4}$ " diameter.

FOR STONE



FOR WOOD

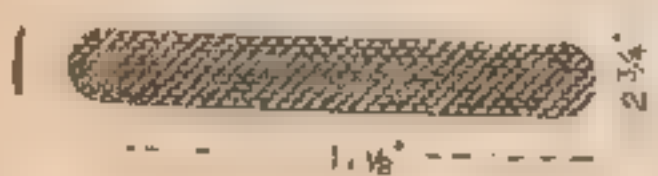


$\frac{3}{4}$ ", $\frac{7}{8}$ ", 1", and 1 $\frac{1}{4}$ " square.

SCALE EIGHTH FULL SIZE

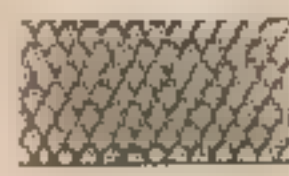
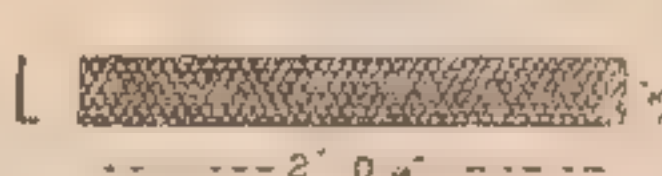
STEP PLATES

Nº 858



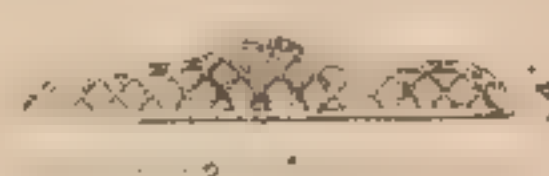
ENLARGED

Nº 859



ENLARGED

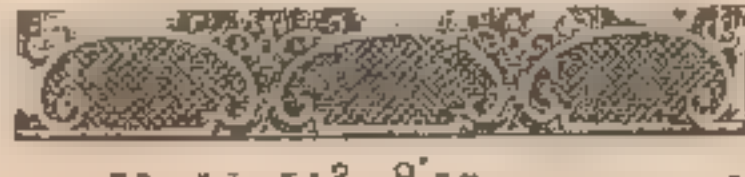
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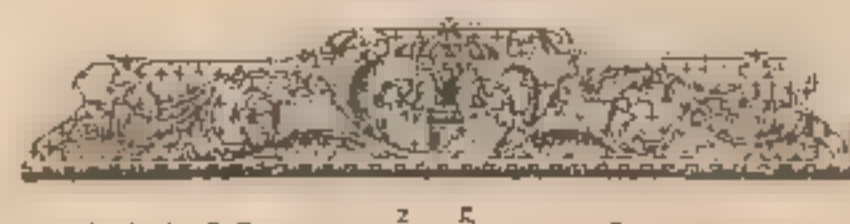
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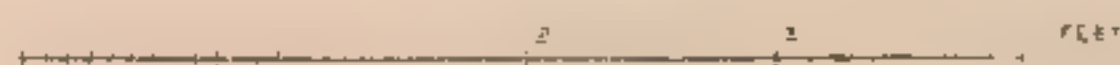
Nº 860



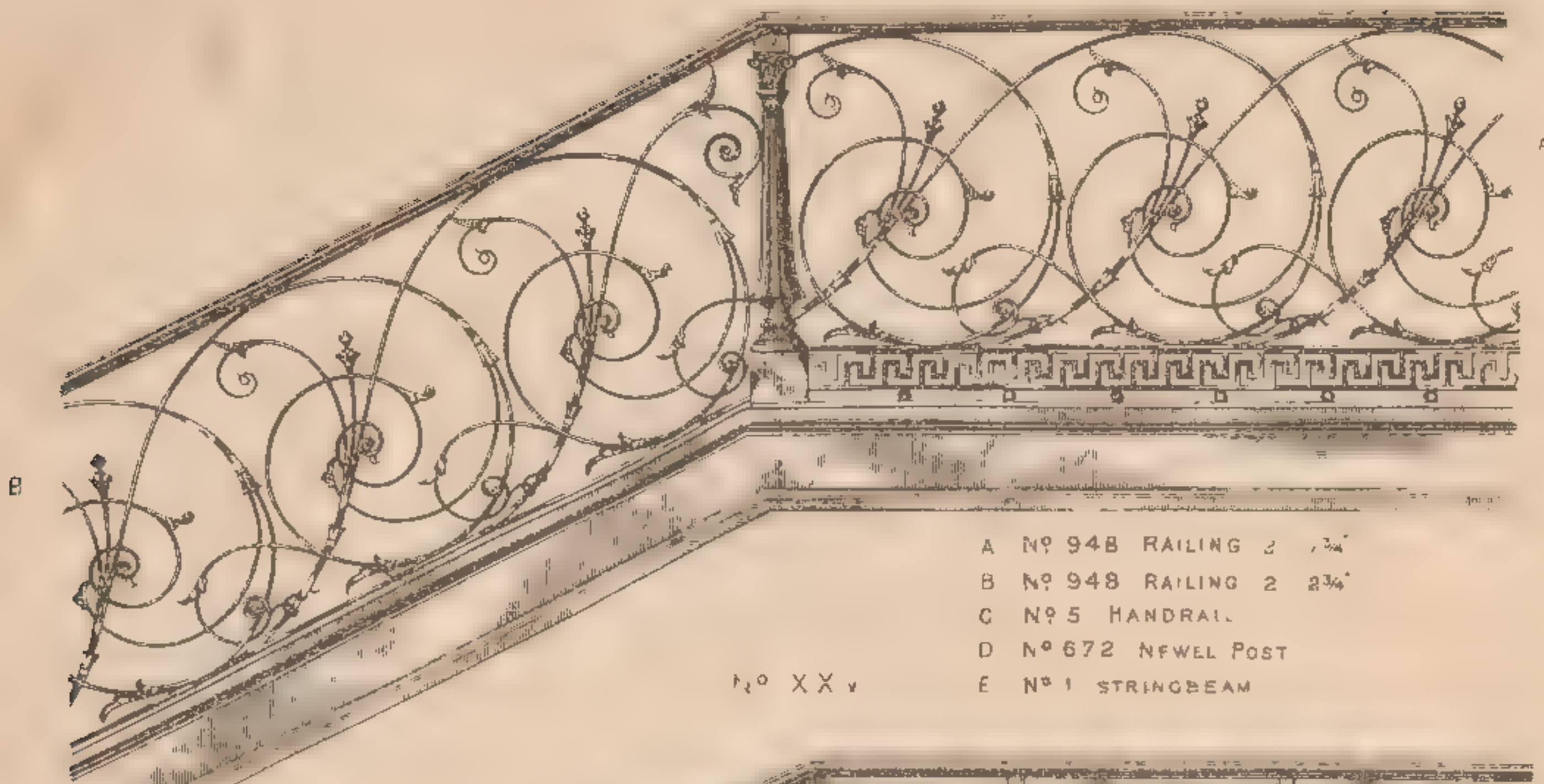
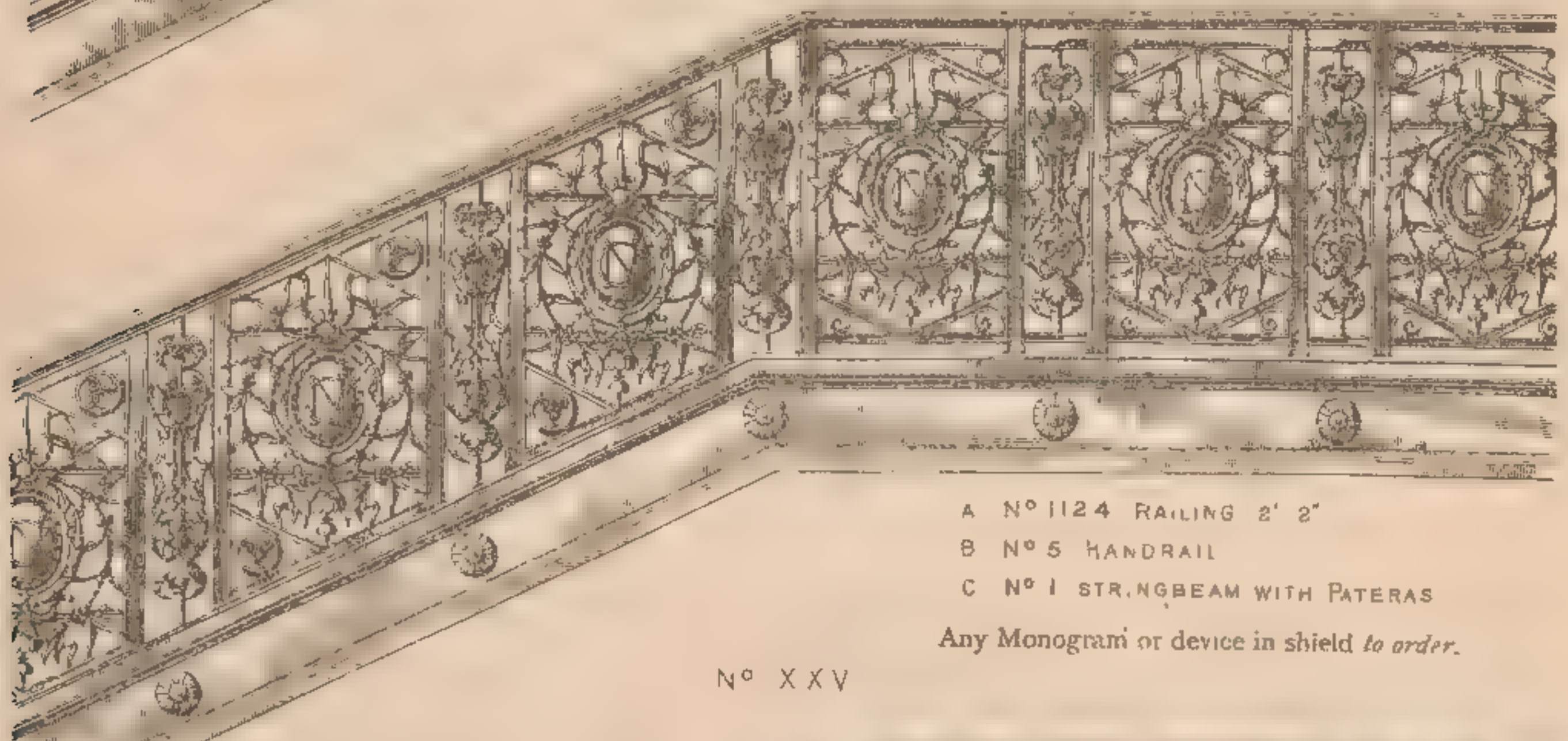
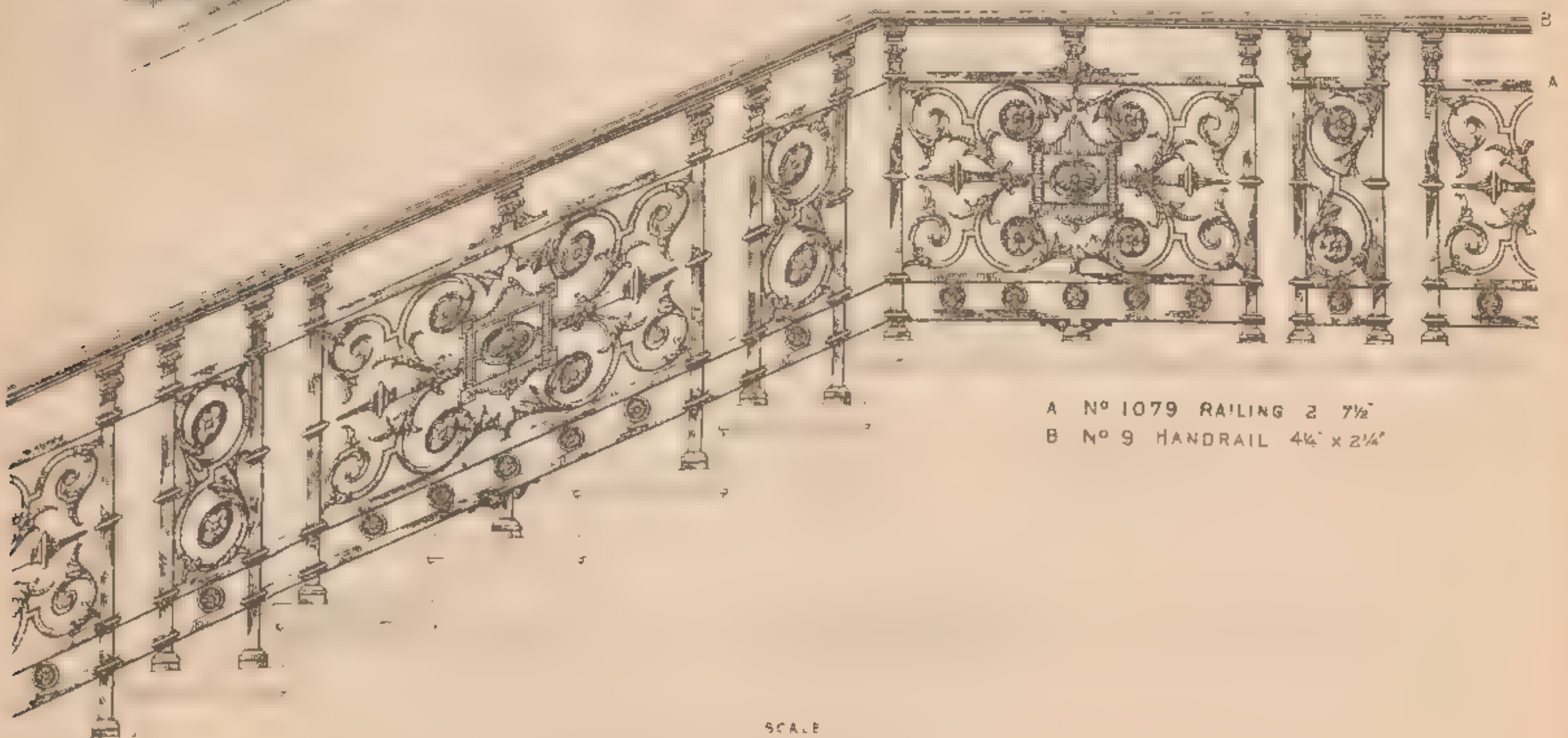
Nº 861



SCALE



Application of Railing &c. to Stairs.

N^o XXIVN^o XXVN^o XXV

SCALE

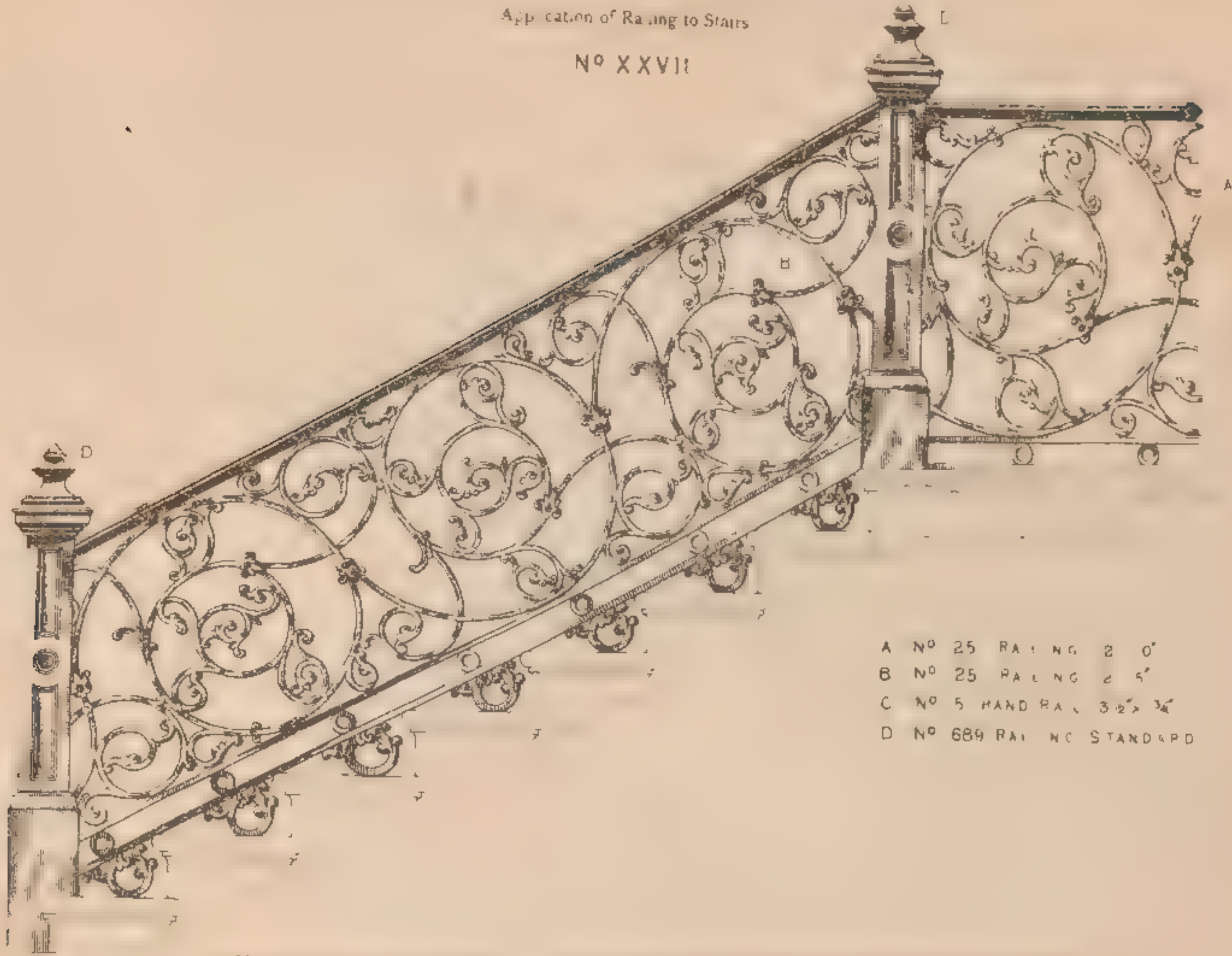
1

2

4 FEET

Application of Railing to Stairs

Nº XXVII



- A Nº 25 RAILING 2' 0"
- B Nº 25 RAILING 2' 5"
- C Nº 5 HAND RAIL 3 1/2" x 3/4"
- D Nº 689 RAILING STANDARD

Nº XXVIII



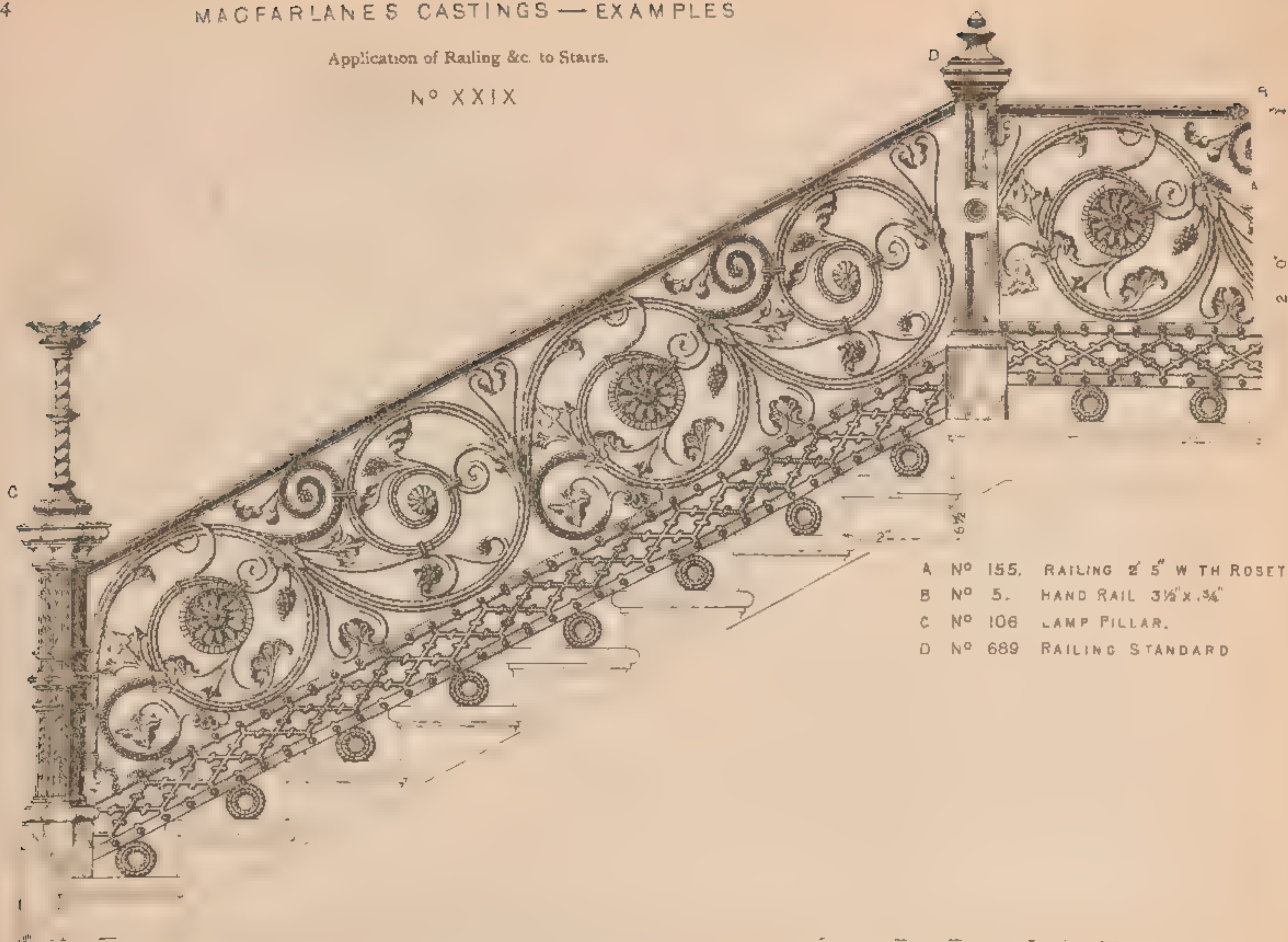
- A Nº 295 RAILING 2' 0"
- B Nº 295 RAILING BEVELLED TO GRADE
- C Nº 5 HAND RAIL 3 1/2" x 3/4"
- D Nº 697 RAILING STANDARD 3' 2"

SCALE



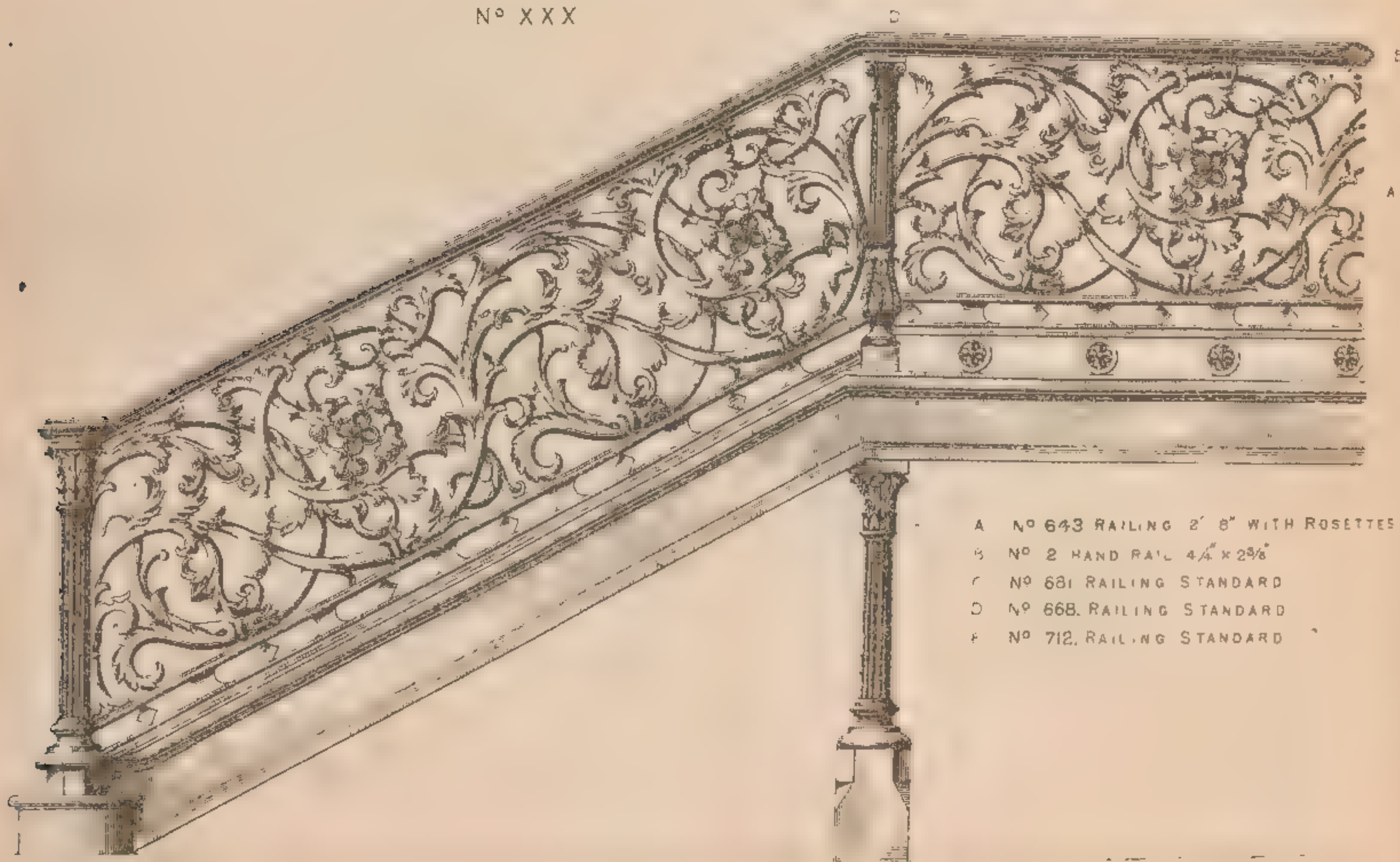
Application of Railing &c. to Stairs.

N° XXIX



- A N° 155. RAILING 2' 5" W TH ROSETTES
 B N° 5. HAND RAIL 3 1/2" x 3/4"
 C N° 106 LAMP PILLAR.
 D N° 689 RAILING STANDARD

N° XXX

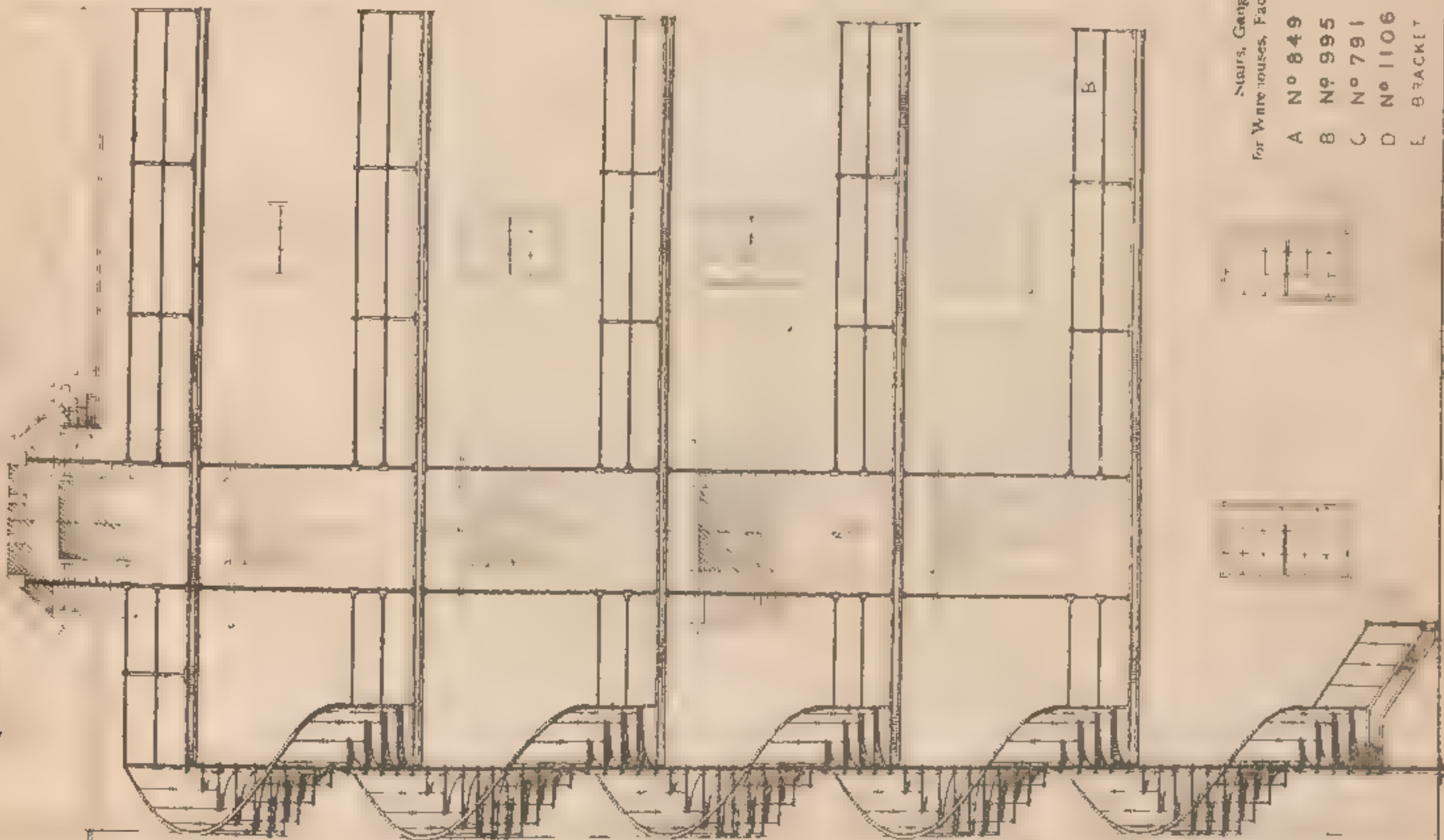


- A N° 643 RAILING 2' 8" WITH ROSETTES
 B N° 2 HAND RAIL 4 1/4" x 2 3/8"
 C N° 681 RAILING STANDARD
 D N° 668. RAILING STANDARD
 F N° 712. RAILING STANDARD

SCALE

1 2 3 4 FEET

Nº XX XI



Stairs, Gangways, and Railings,
for Warehouses, Factories, Stores, Granaries, &c.

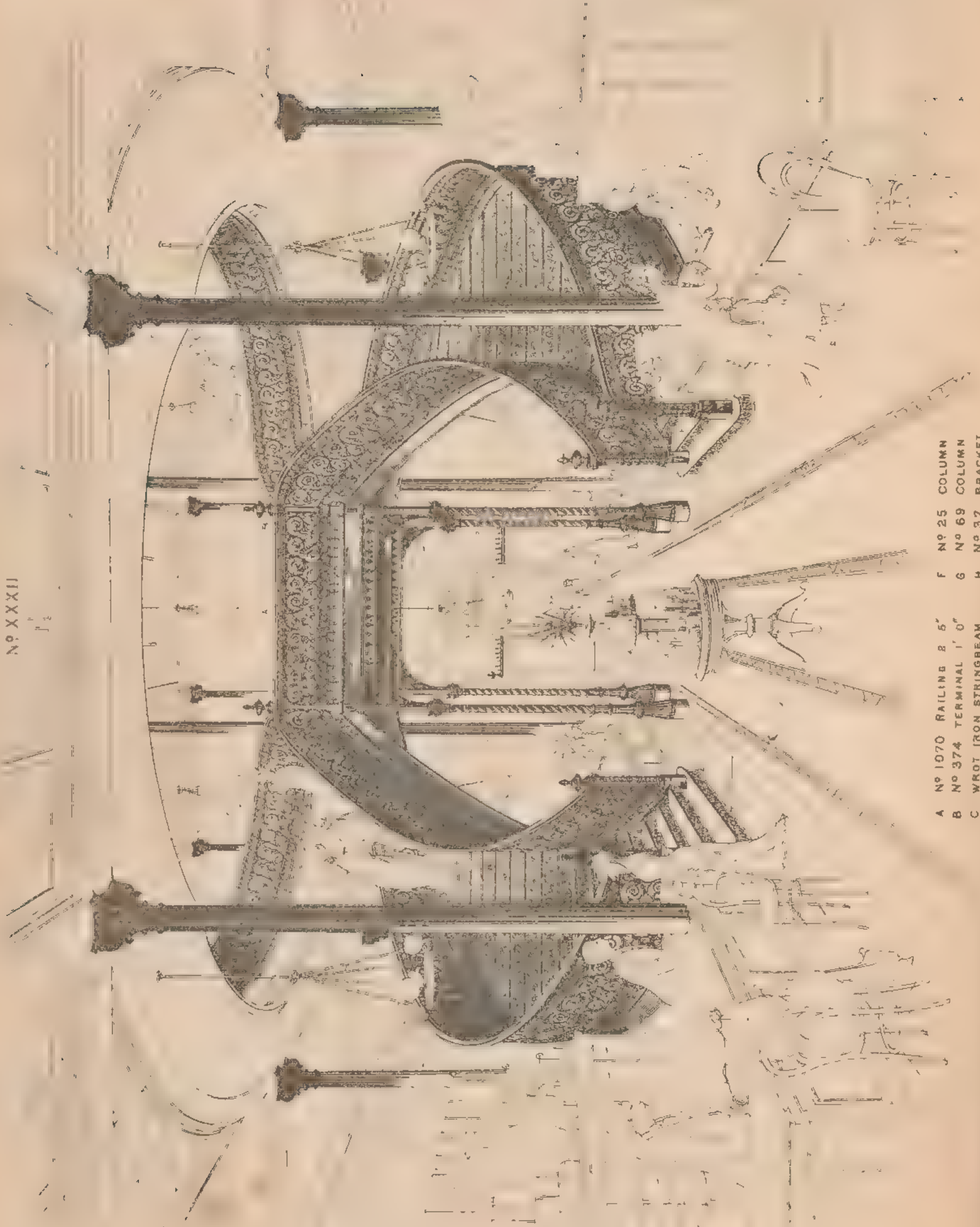
- A Nº 849 SPIRAL STAIR
- B Nº 995 RAILING 3' 0"
- C Nº 791 SPIRAL STAIR
- D Nº 1106 RAILING 2' 10½"
- E BRACKET



MACFARLANE'S CASTINGS — EXAMPLES

Application of Ironwork to Stairs

No XXXII



- | | | | | | |
|---|---------|-----------------|---|-------|---------|
| A | No 1070 | RAILING 2 5" | F | No 25 | COLUMN |
| B | No 374 | TERMINAL 1' 0" | G | No 69 | COLUMN |
| C | WROT | IRON STRINGBEAM | H | No 37 | BRACKET |
| D | No 693 | NEWEL POST | I | No 2 | GIRDER |
| E | No 904 | RISER | | | |

SECTION IX.—BALCONIES.

SEPARATE AND CONTINUOUS, FOR CONVENIENCE, SAFETY, OUTLOOK, AND DECORATION.

The great convenience and comfort derived from Balconies in connection with public rooms, make them most useful adjuncts to a well-appointed dwelling. The enhanced interest they give to the architecture, their utility for private houses as an open air retreat, and for tenements, warehouses, factories, stores, &c., as a means of entrance, of communication, and of escape from fire, render them invaluable for every class of building. Window Balconies and Flower Guards are an effective and economical source of architectural beauty and give facilities for floral decoration, the taste for which is happily becoming more general. Besides the designs illustrated in this section, many others equally suitable will be found by reference to Section V.—Railing.

Please insert in Specification "To be Macfarlane's Castings, from Saracen Foundry, Glasgow," to prevent an inferior article being supplied.

Balconies,	pages 387—393	Railing, see Section V.,	pages 172—288
Examples,	" 394—396	Standards, " VI,	" 334—339
Also other examples at end of Catalogue.		Floor Gratings, " VII.,	" 363—367

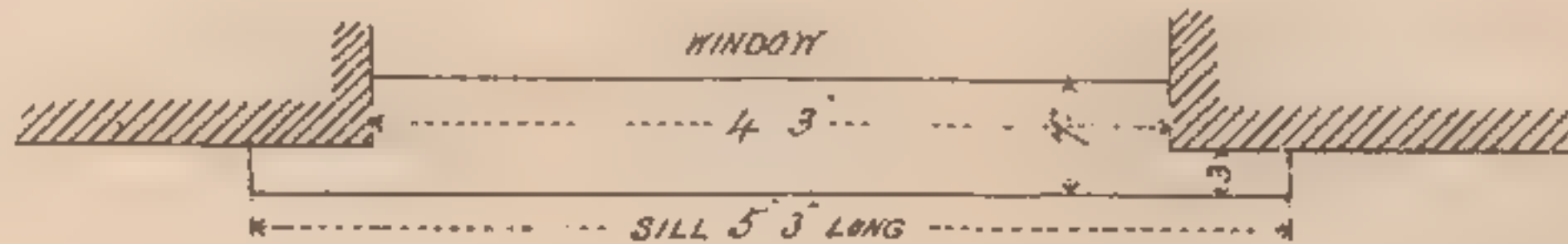
The Illustrations are arranged in the order of their heights.

DIRECTIONS FOR ORDERING.

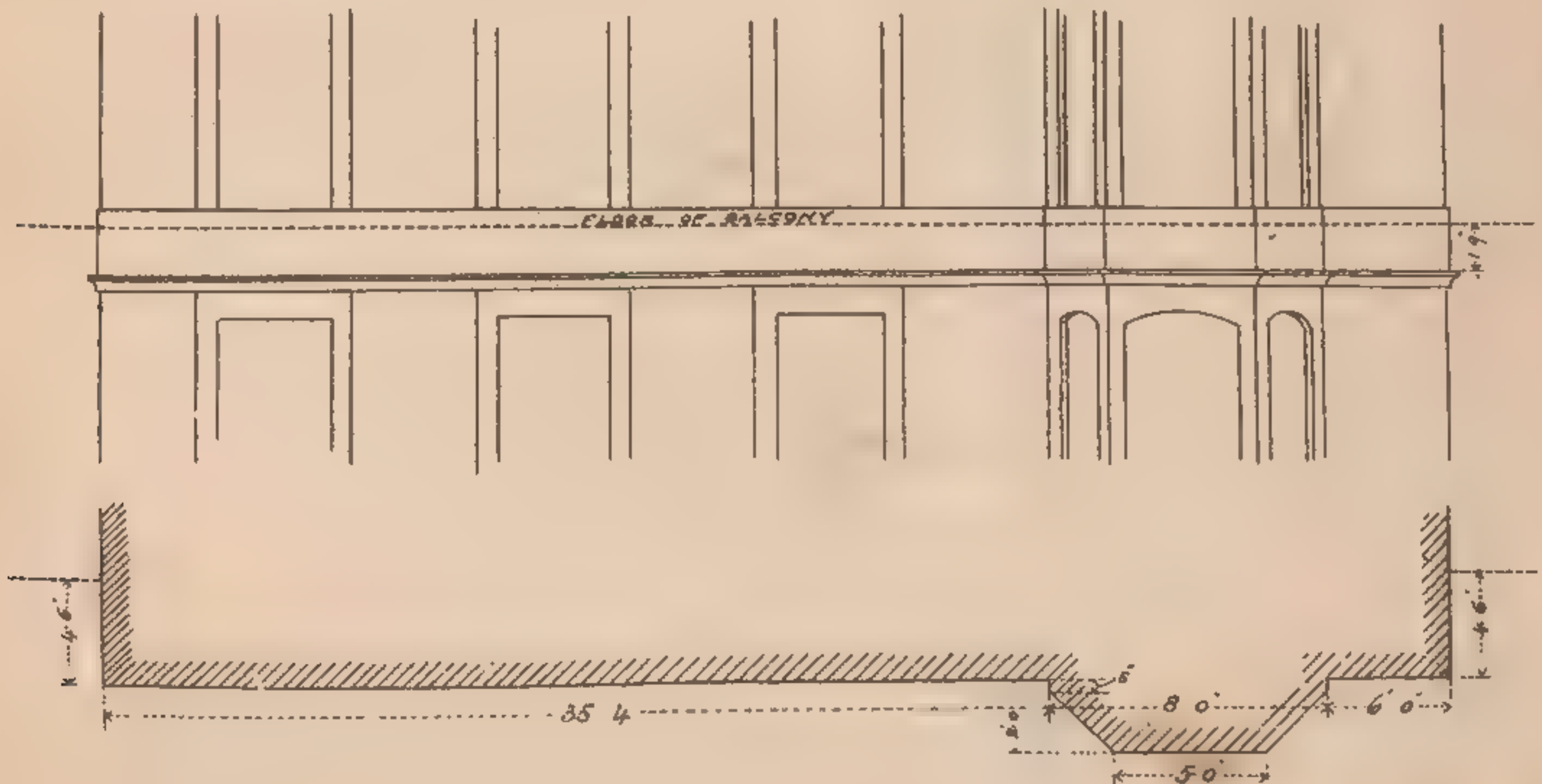
State the Nos. and sizes, and if necessary send a rough sketch of the part of building the Balcony is to be fixed to, giving exact measurements, and stating the nature of the fixings whether for stone, brick, wood, or iron. The following examples show the simplest method of ordering.

5 No. 1089 Balconies 1' 9" x 4' 6" with 10" return ends, and having batts on bottom and ends for stone.

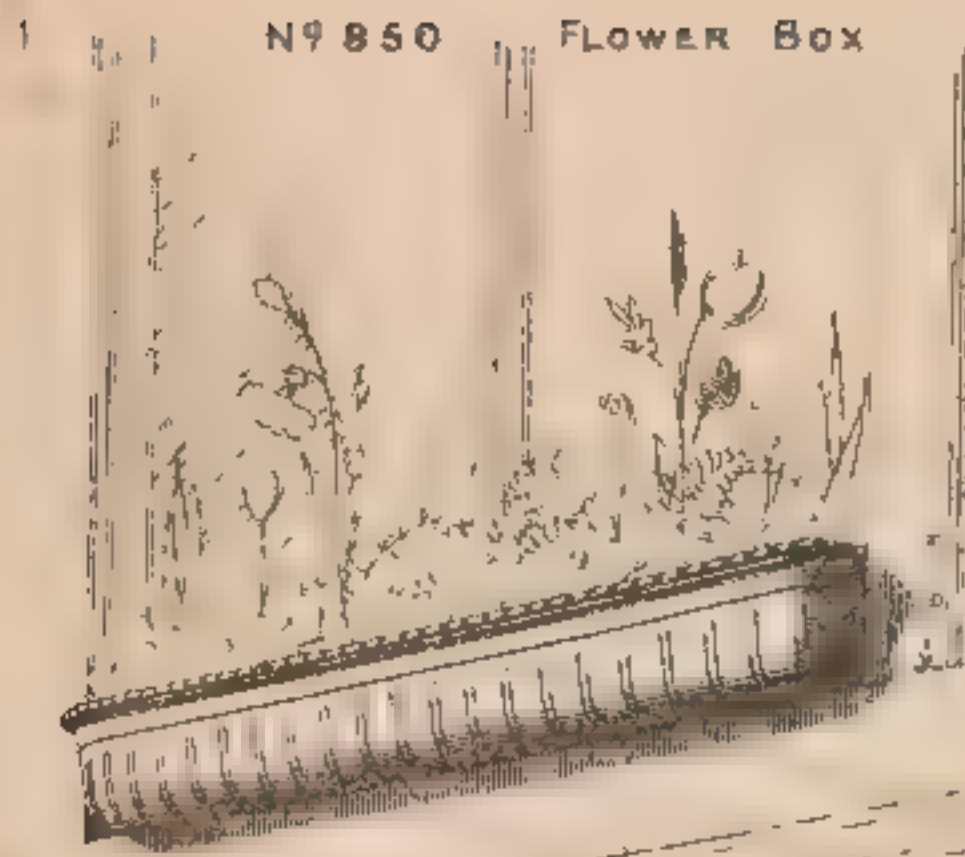
8 No. 121 Balconies 3' 0" x 5' 7" with return ends 1' 3", and No. 389 Grating 1' 6" for sole, supported by 2 No. 23 Brackets 1' 3 1/4" x 1' 5 1/4" for fixing to stonework as sketch. Grating to rest on sill and be carried in to line of window



1 No. 868 Balcony 2' 10" high x 3' 0" projection, with No. 5 Handrail 3" x 1 1/4", No. 1117 Grating 2' 11" for sole, with necessary girders, &c., and supported on No. 43 Brackets 3' 1" x 1' 6", fitted complete to measurements of Stonework as sketch.



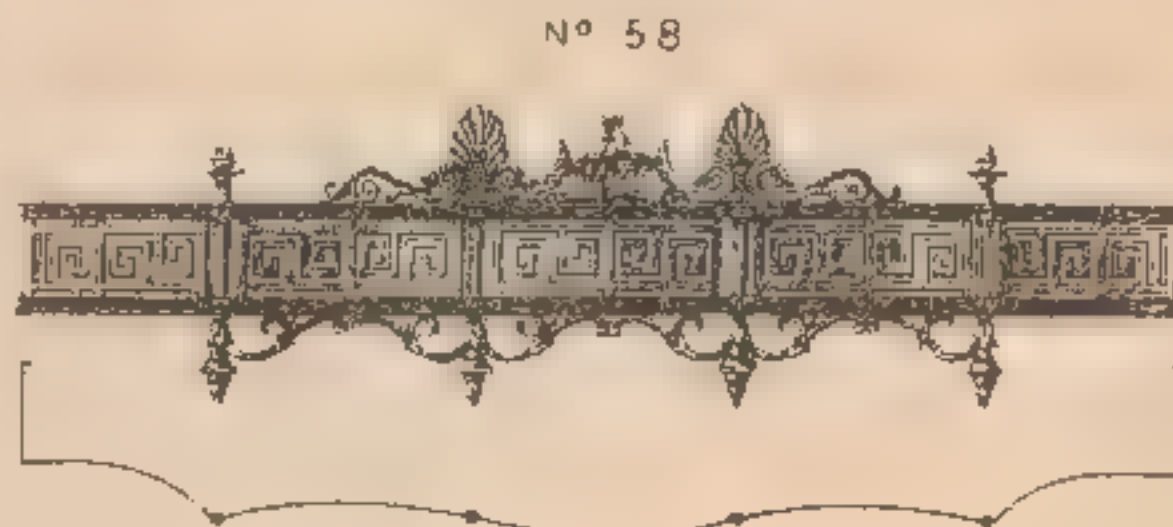
Return Ends when not shown, any size to order



3' 6" 3' 8" 3' 10" 4' 0" 4' 2" 4' 4" AND 4' 6" LONG



4' 0"

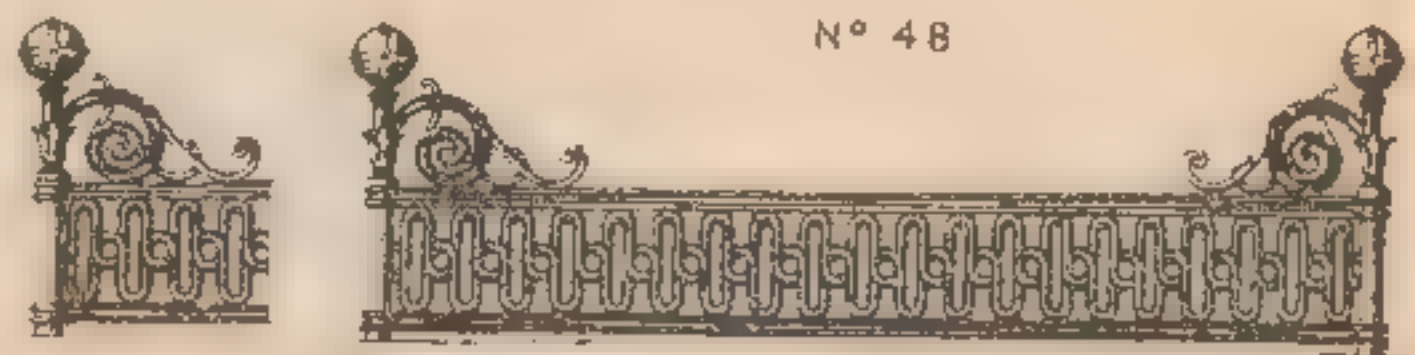


4' 0" 4' 3" AND 4' 6"



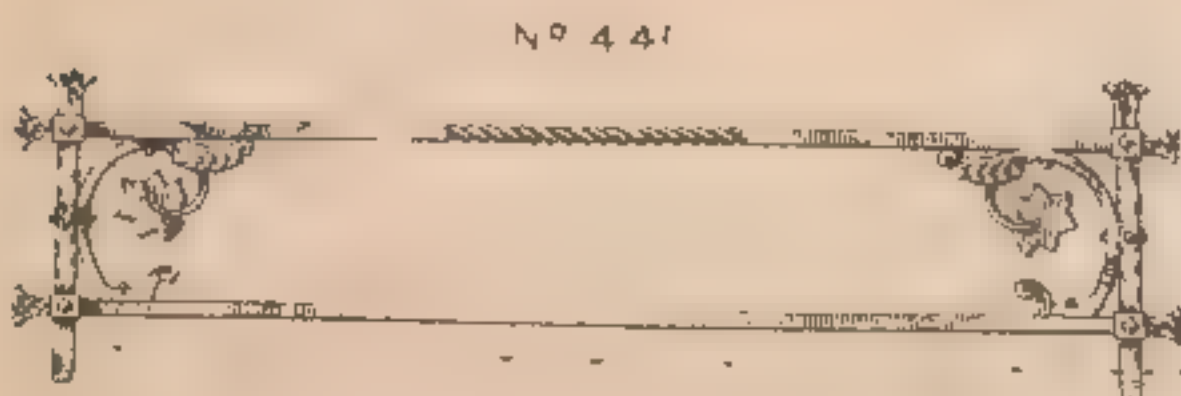
4"

4' 6"



0"

4' 0" CENTRES



4' 0"



3' 0 1/2" AND 5' 0 1/2"

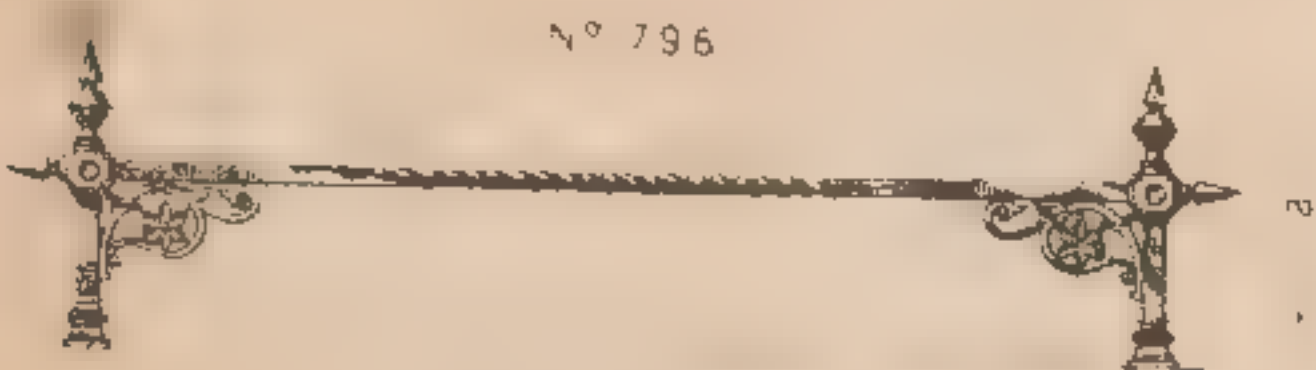


6' 0"



0"

3' 6" 4' 0" AND 4' 6"



3' 0" AND 4' 0"



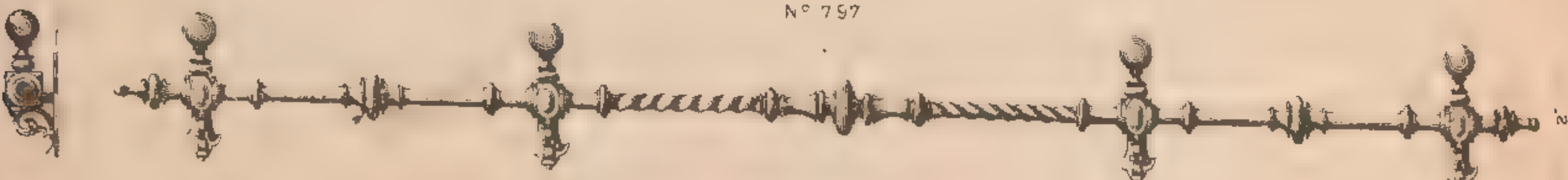
4' 9"



2' 9"



4' 9"



2' 9"

SCALE



1

4 FT.

2' 9"

Nº 083



10"

3' 6" 4' 0" AND 4' 6"

2' 6"

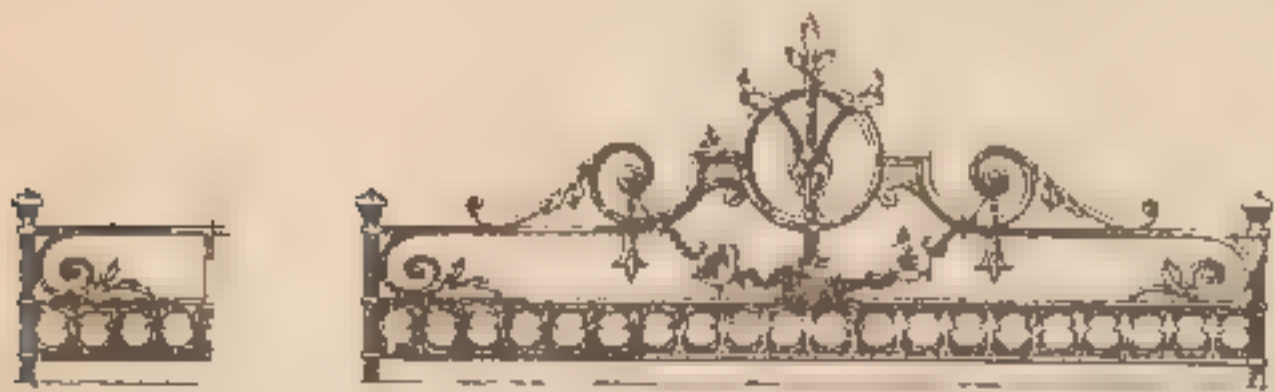
Nº 282



3' 9"

2' 6"

Nº 1089



0"

3' 6"

5'

Nº 782



4' 0" AND 5' 0"

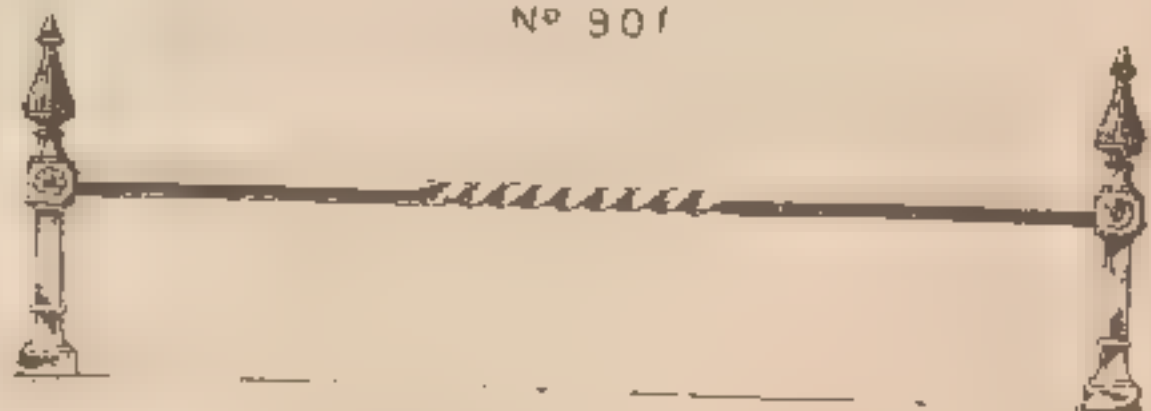
Nº 08



0"

3' 6" 4' 0" AND 4' 8"

Nº 901



3' 8" 4' 0" AND 5' 0"

4'

Nº 59



3'

4' 0" 4' 5" AND 4' 6"

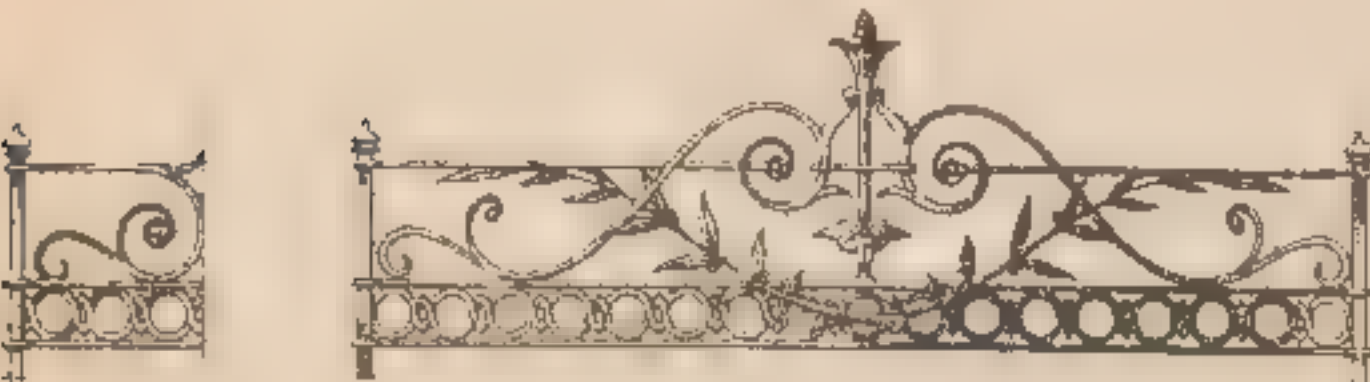
Nº 60



3'

4' 0" 4' 3" AND 4' 6"

Nº 1087

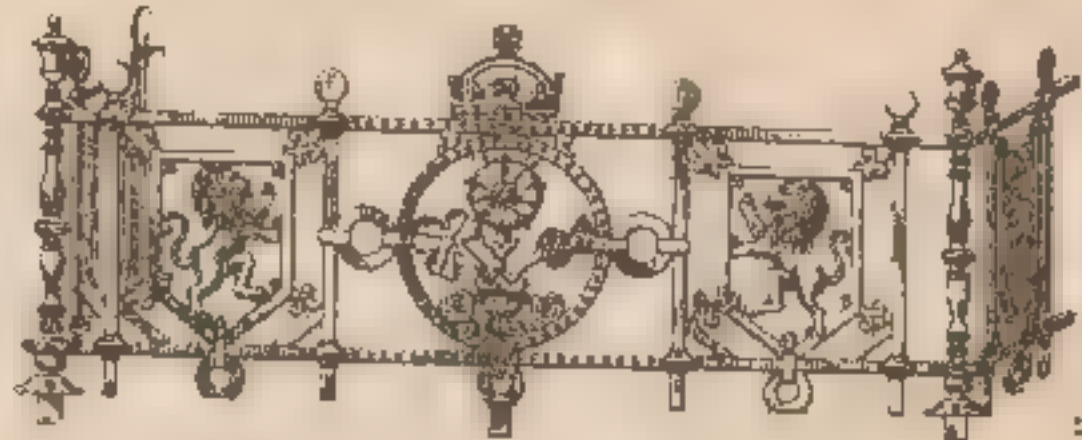


10"

3' 8" 4' 0" AND 4' 6"

5'

Nº 124



5'

1 FACE

Nº 1085

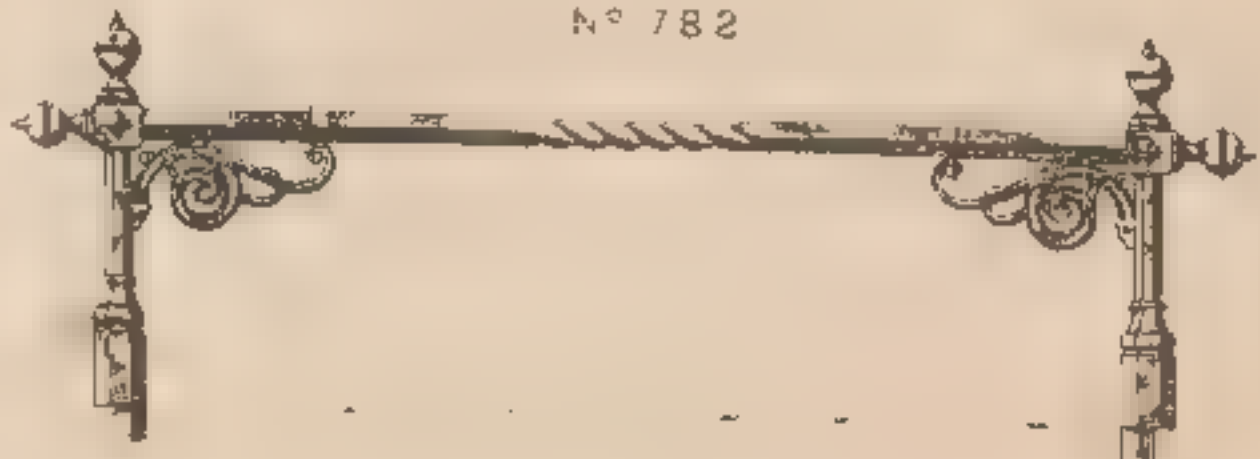


0"

3' 6" 4' 0" AND 4' 6"

6'

Nº 782



6'

4' 0" AND 5' 0"

Nº 852

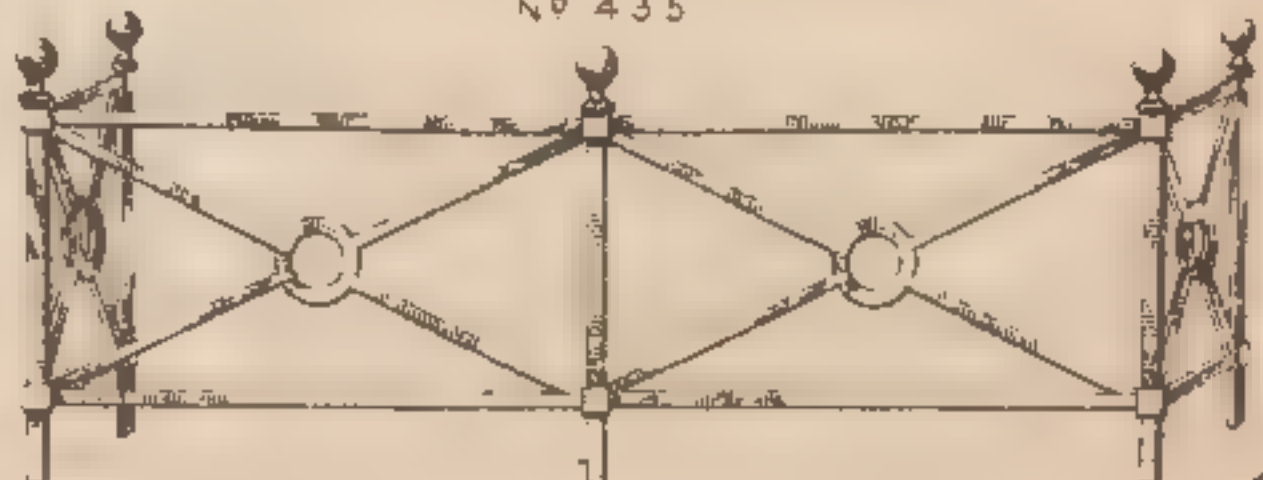


10"

3' 6" 4' 0" AND 4' 6"

6'

Nº 435



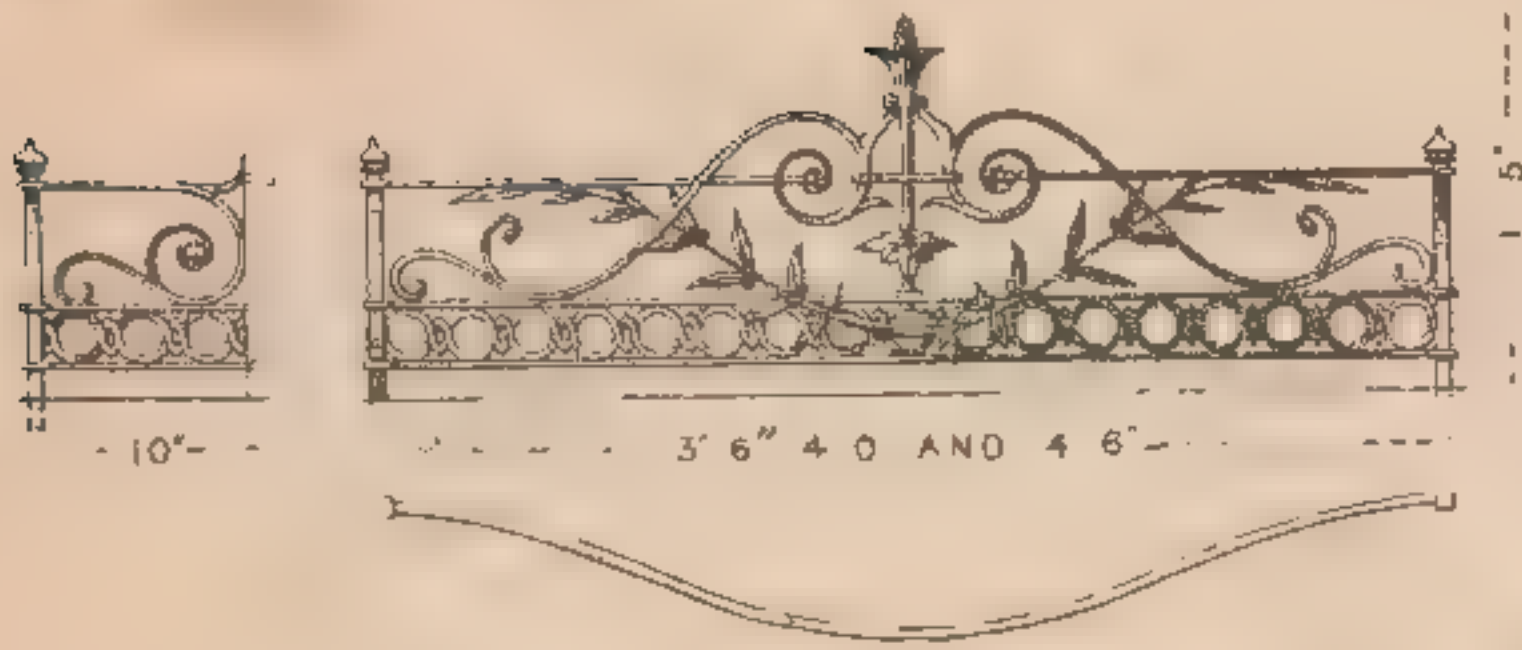
5'

4' 2 3/4"

SCALE

2 3 4 FEET

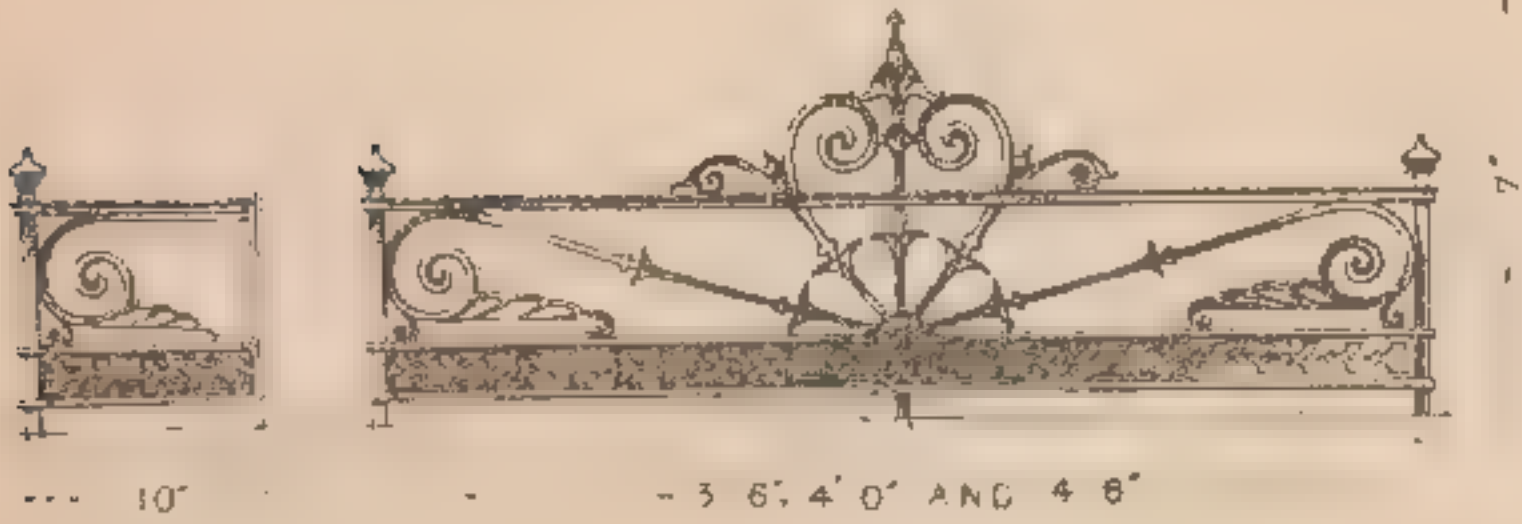
Nº 1088



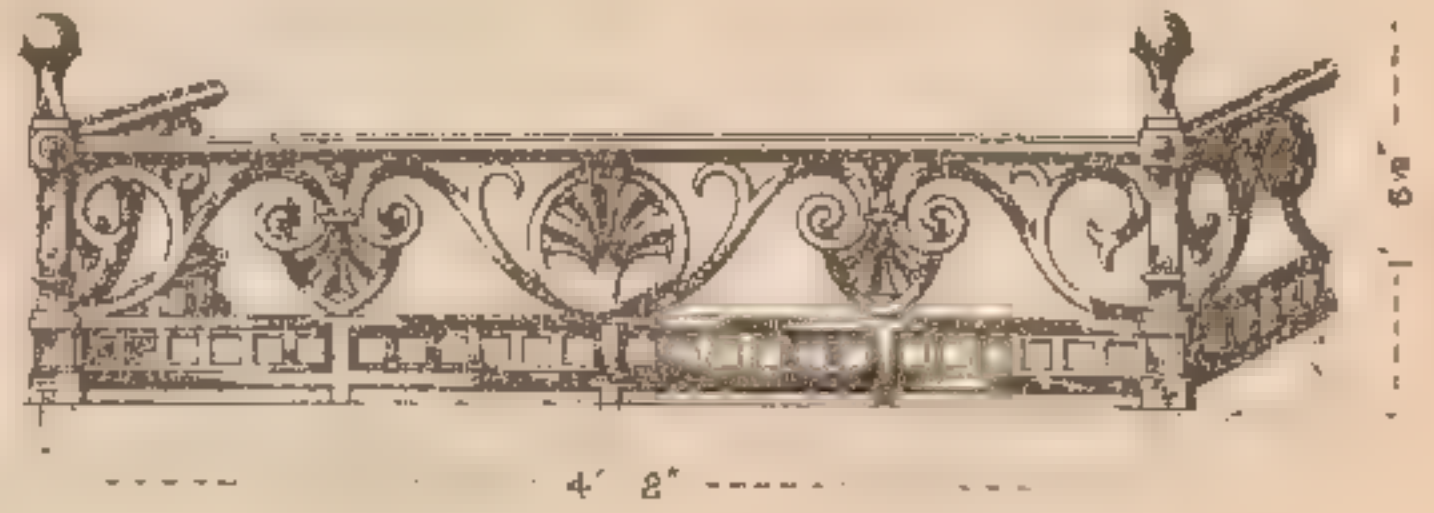
Nº 1086



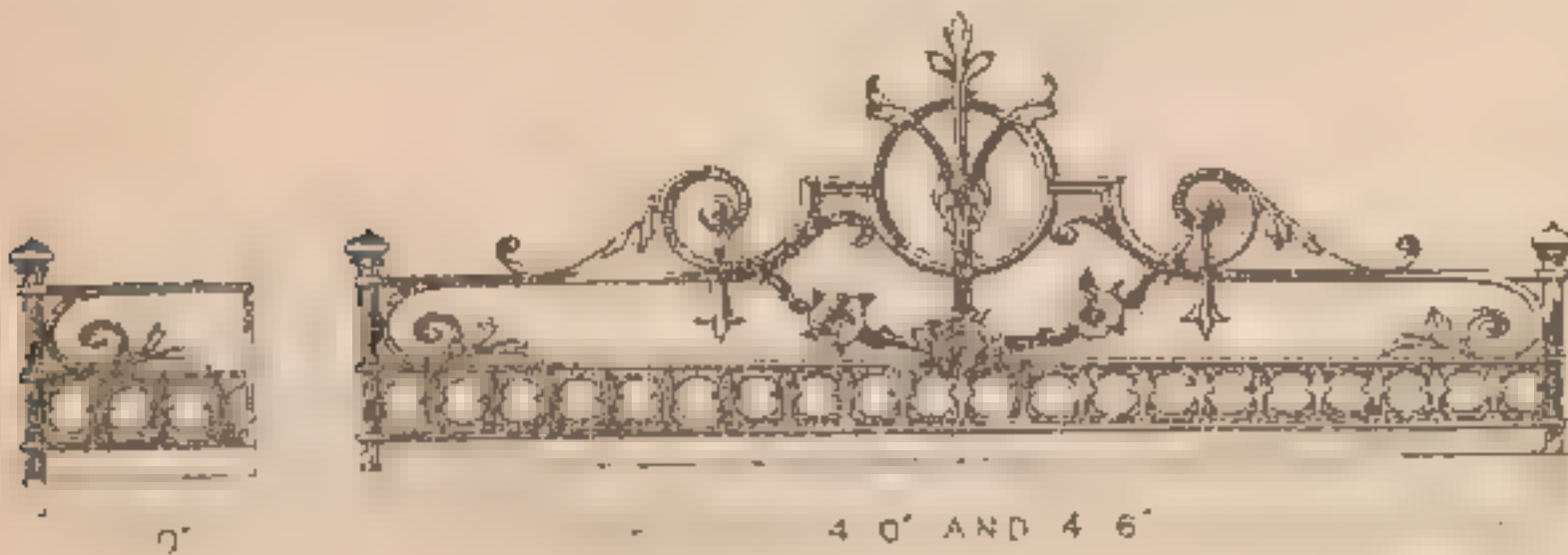
Nº 1082



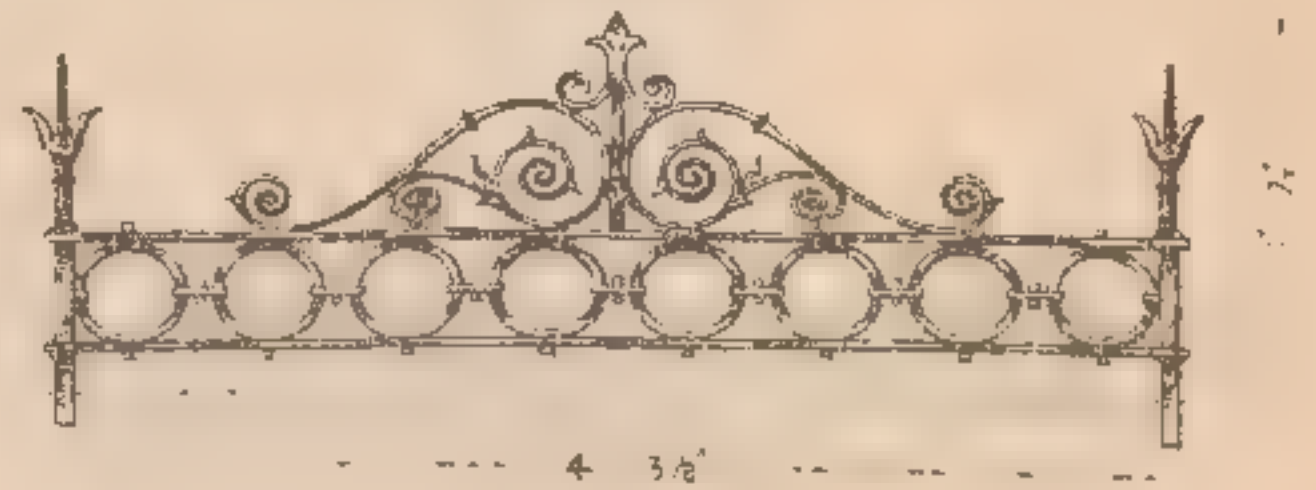
Nº 927



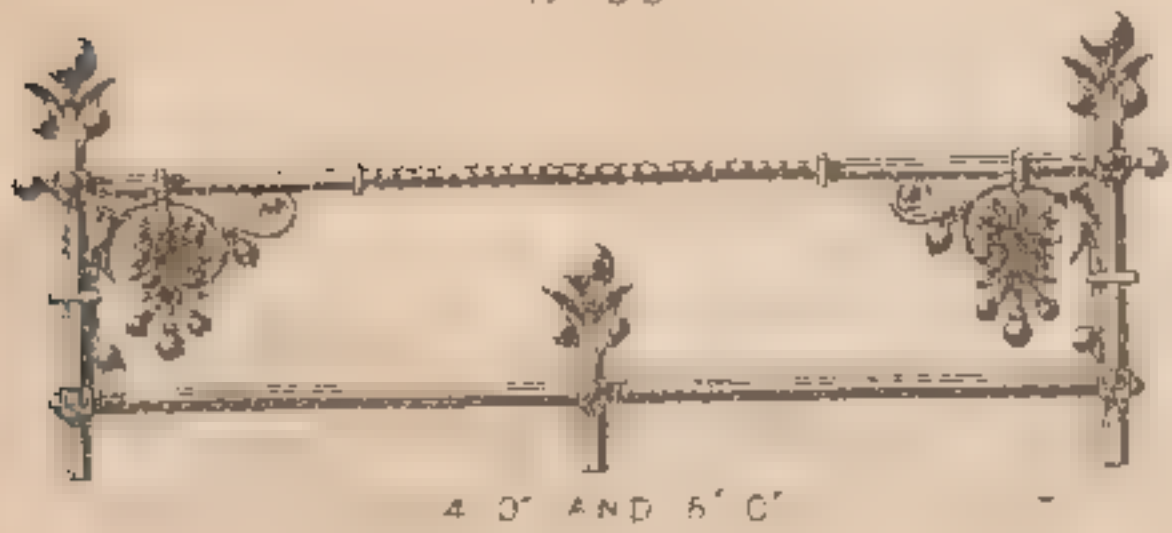
Nº 1089



Nº 851



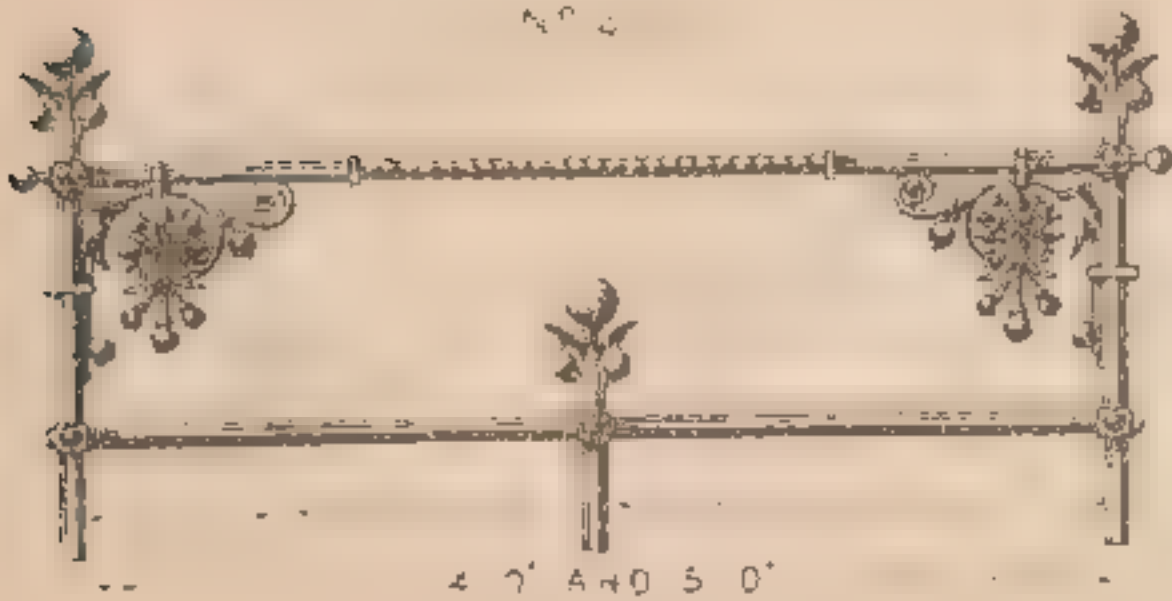
Nº 50



Nº 283



Nº 2



Nº 28



Nº 976



Nº 63



SCALE

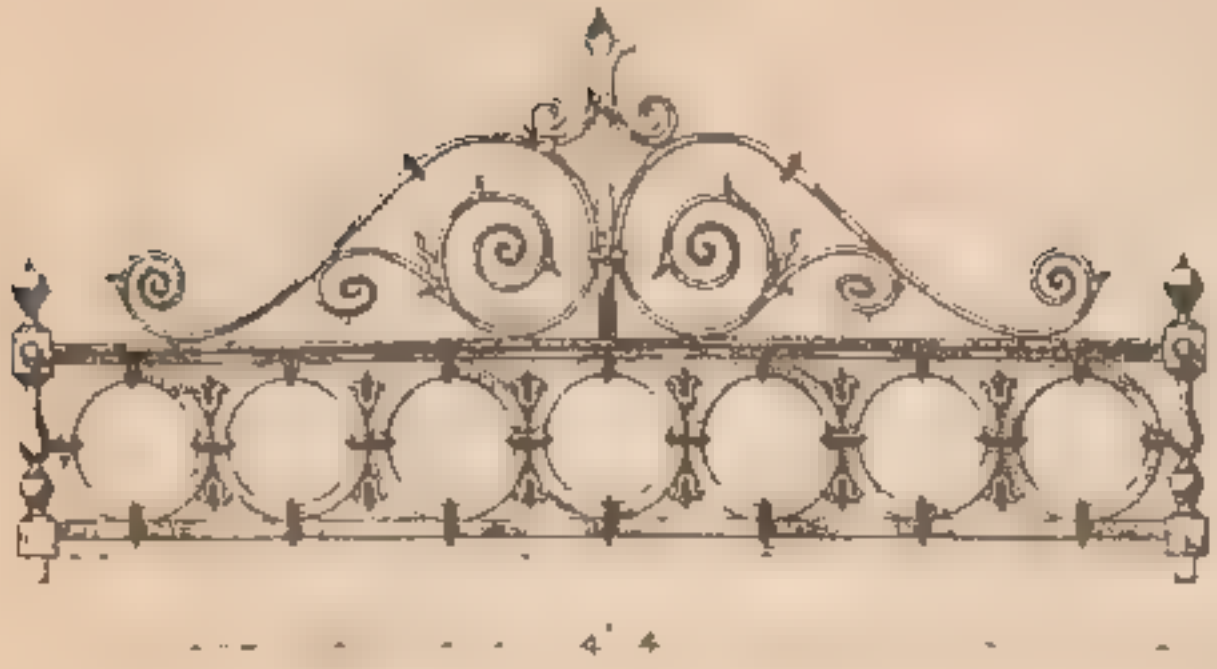


2

3

4 FEET

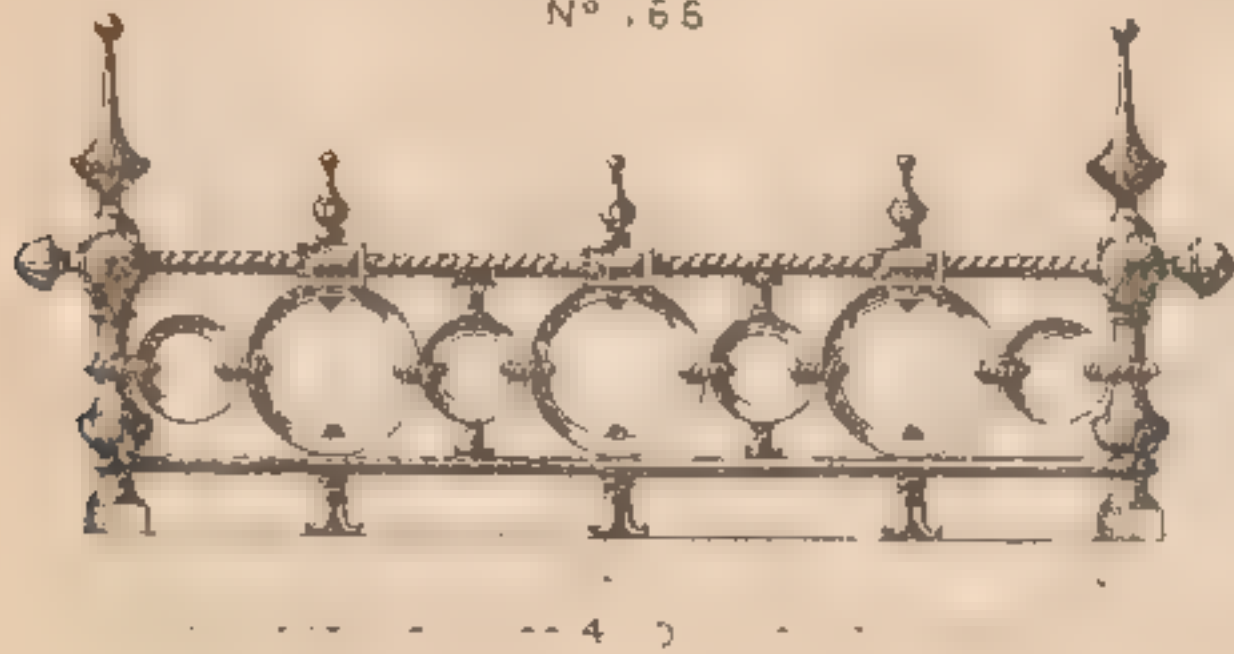
Nº 173



Nº 262



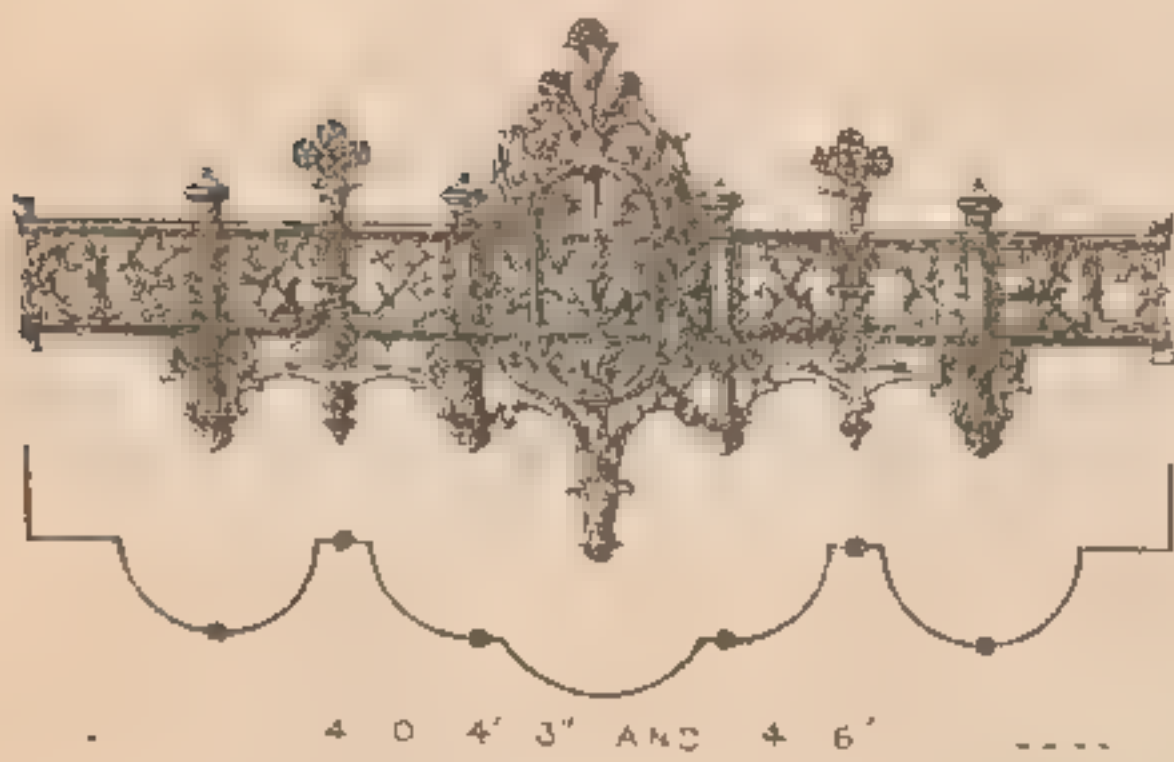
Nº 166



Nº 61



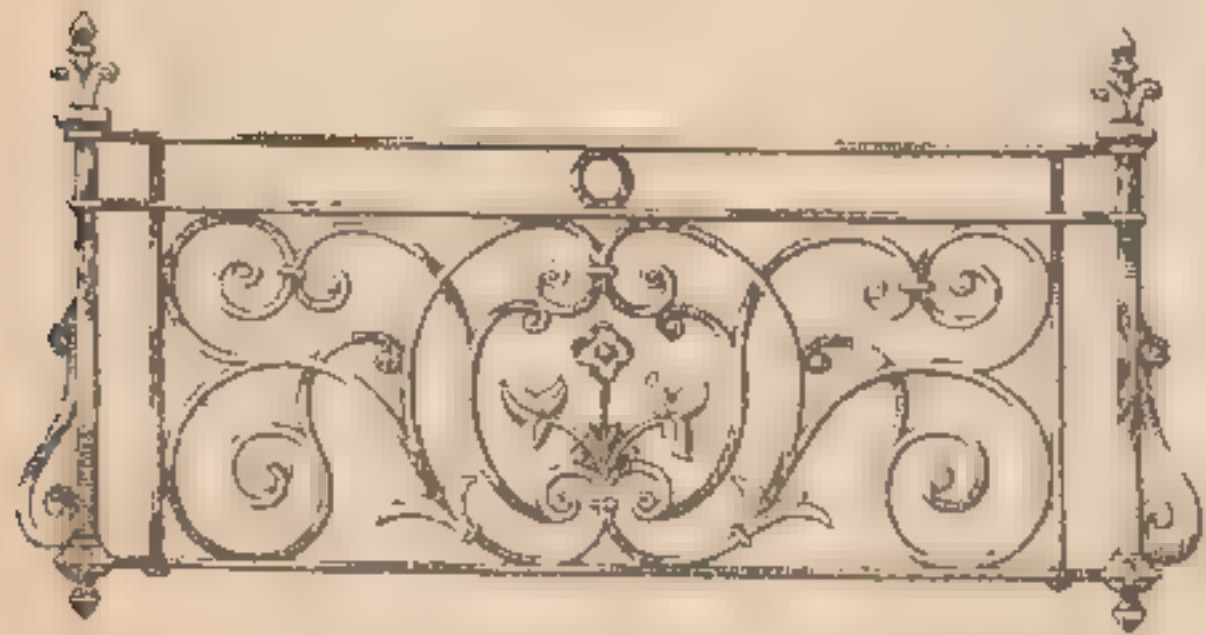
Nº 6



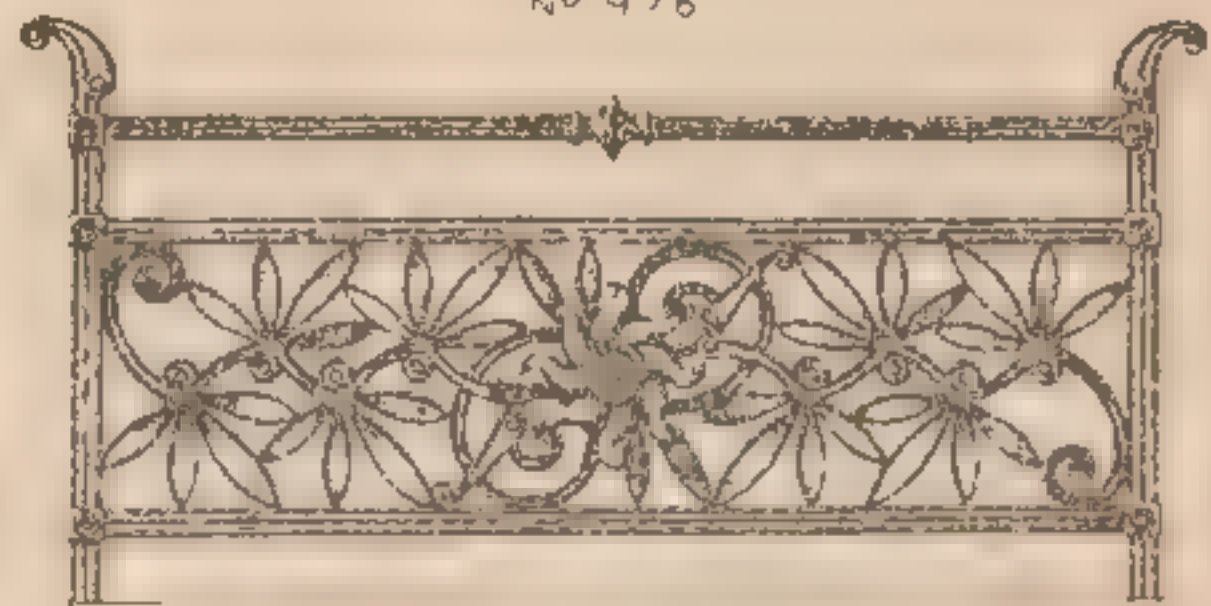
Nº 365



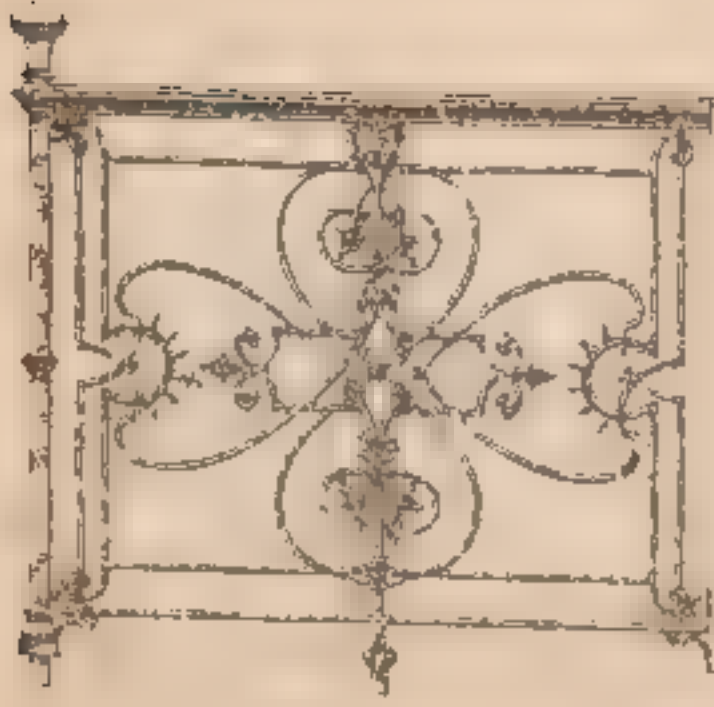
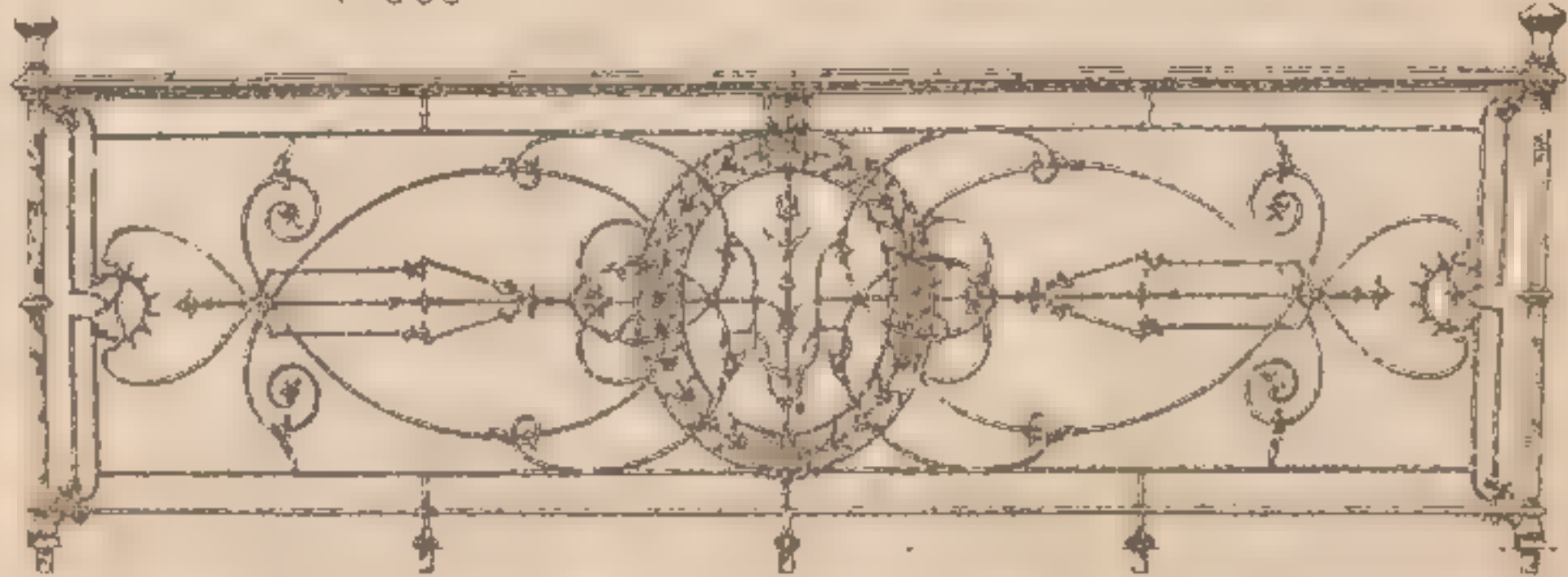
Nº 200



Nº 976



Nº 868



MACFARLANES CAST IRON BALCONIES

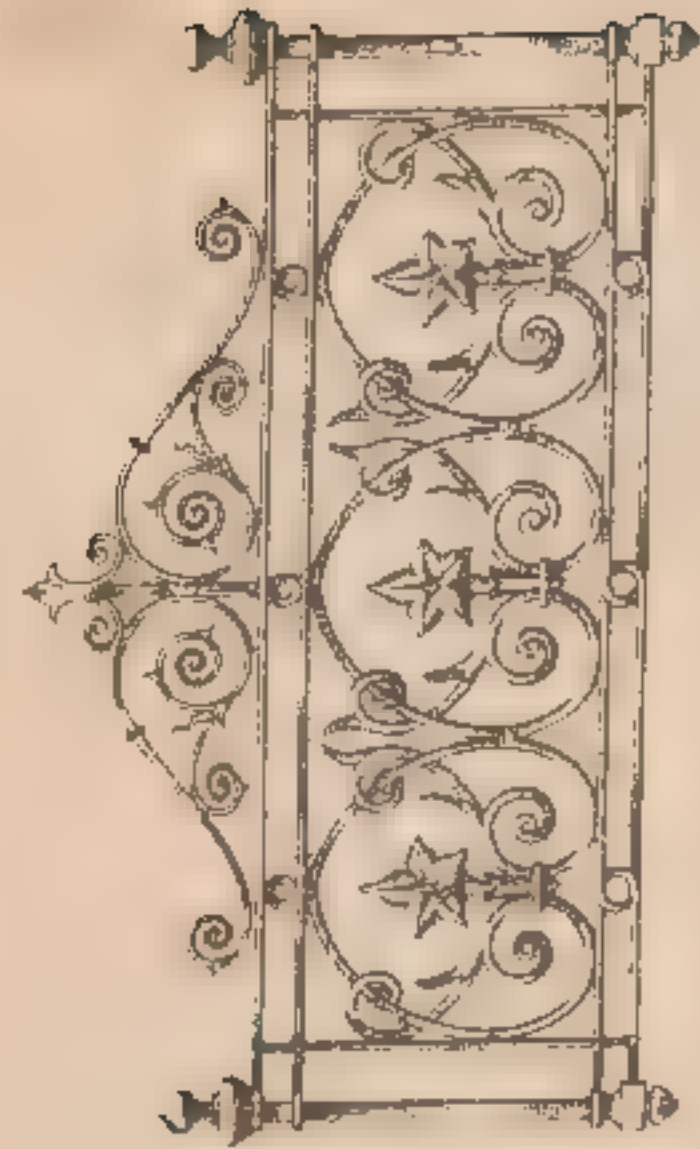
No 283



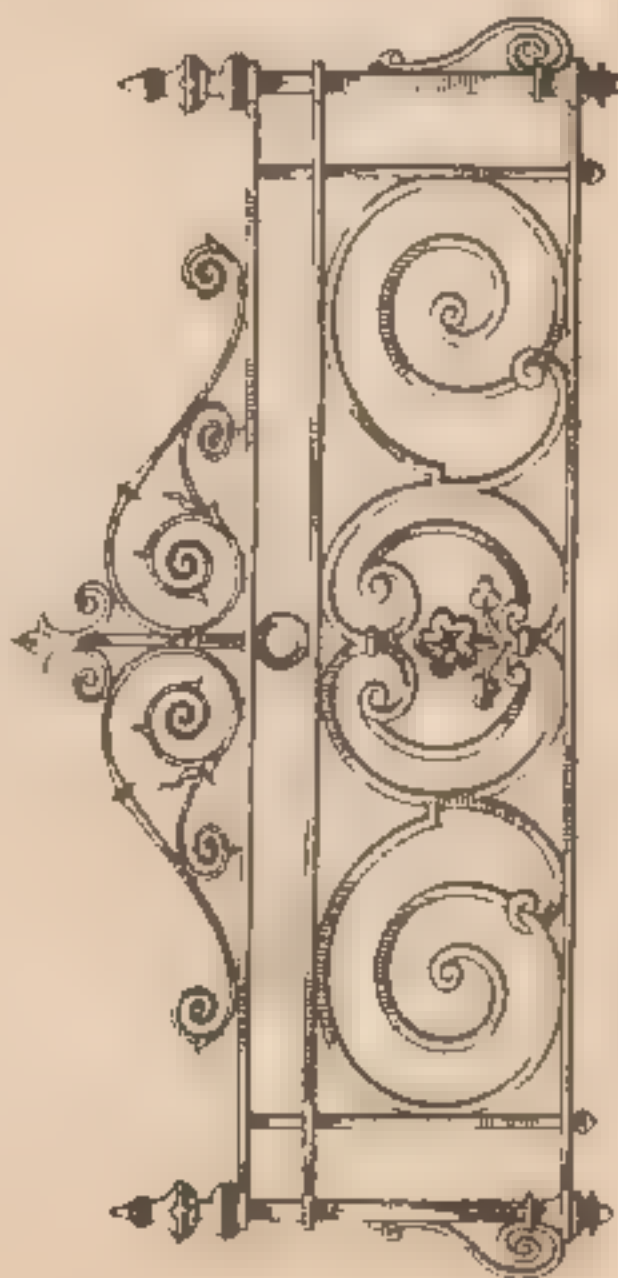
No 63



No 28



No 198



No 1093



No 976



No 199



No 20

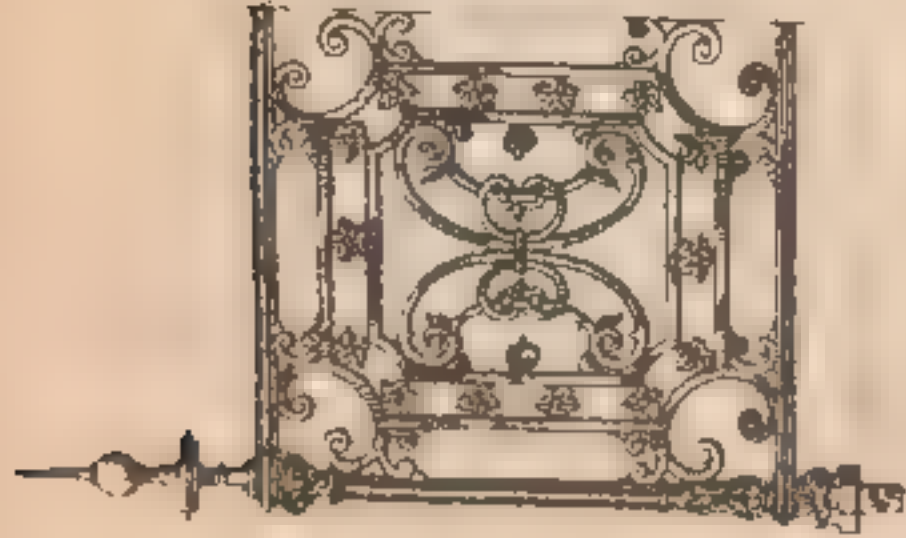


No 28



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MACFARLANES CAST IRON BALCONIES

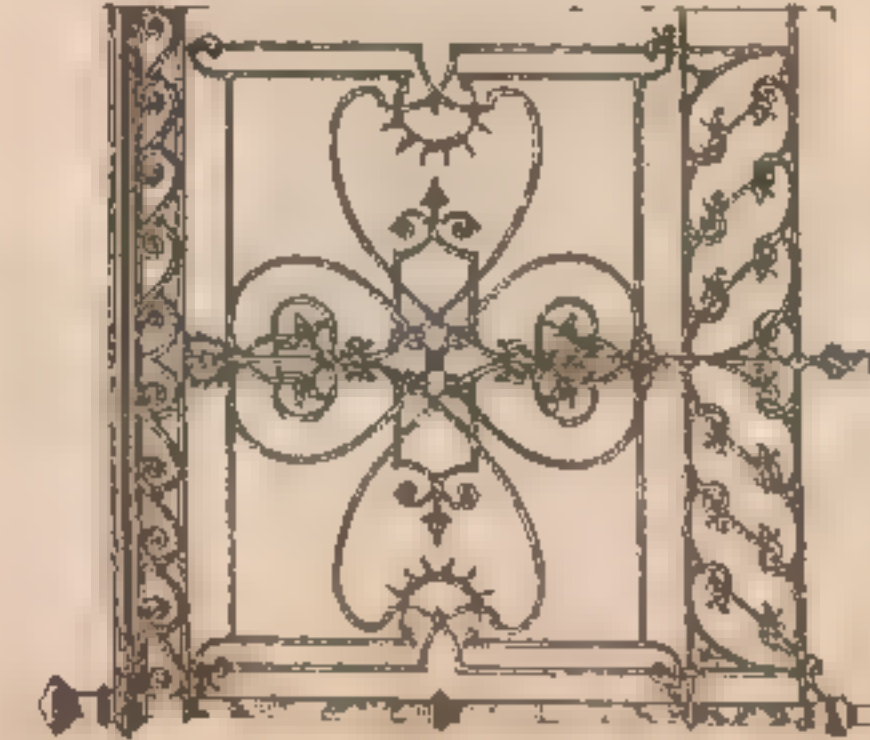


No 42

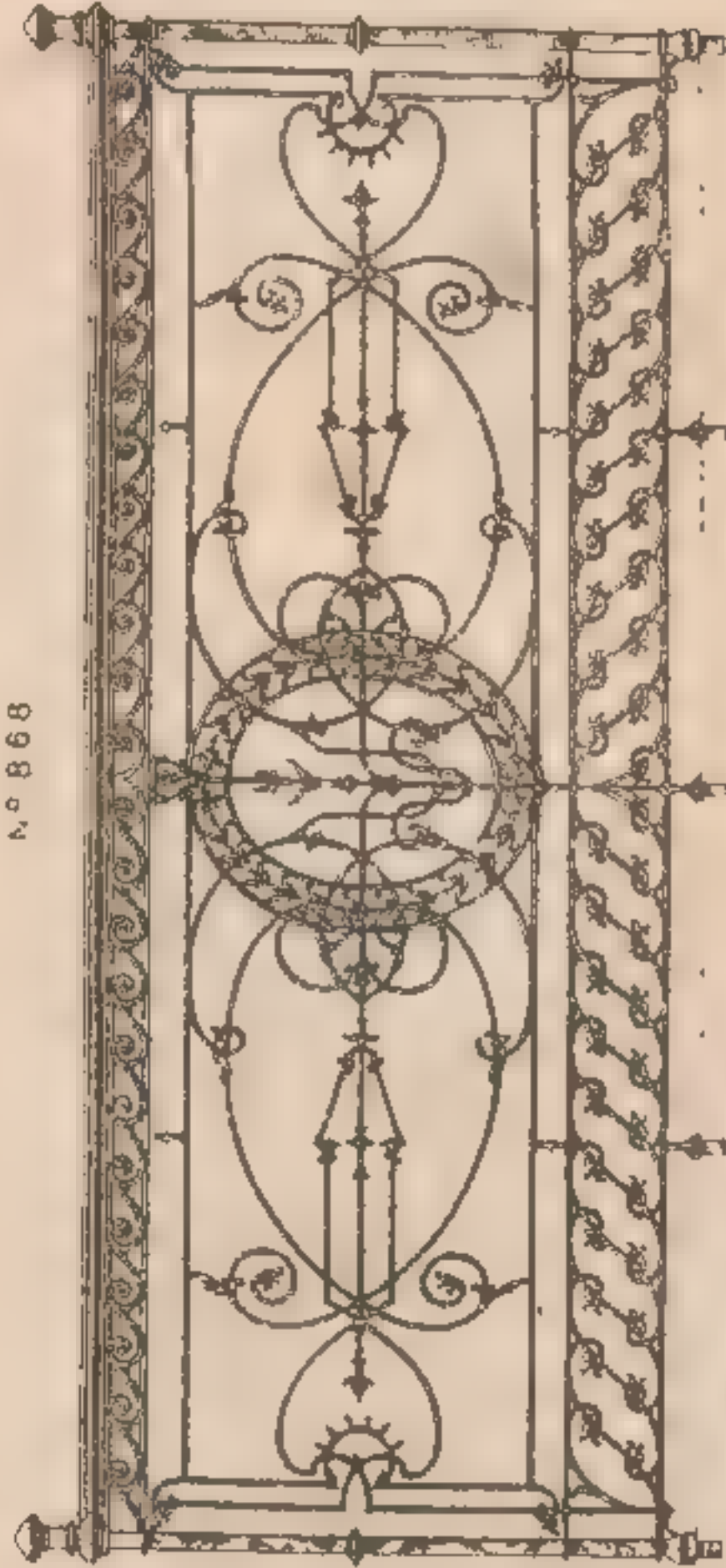
10 1/2



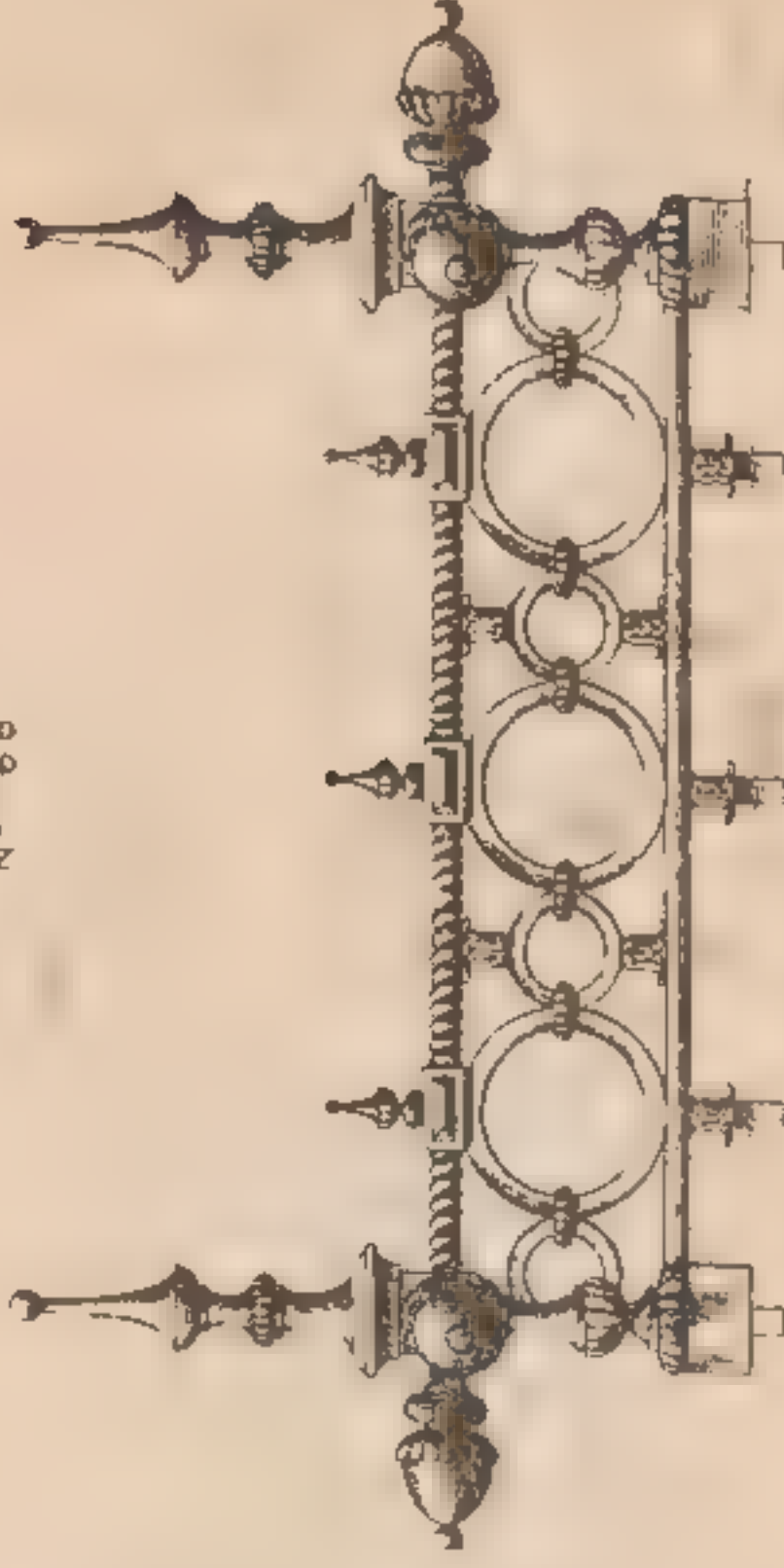
3' 10" 4 3/4 5 3/4 AND 6 2 1/2



2 9 1/2



No 868



No 66

4 2 1/2

No 63



2 10 1/2

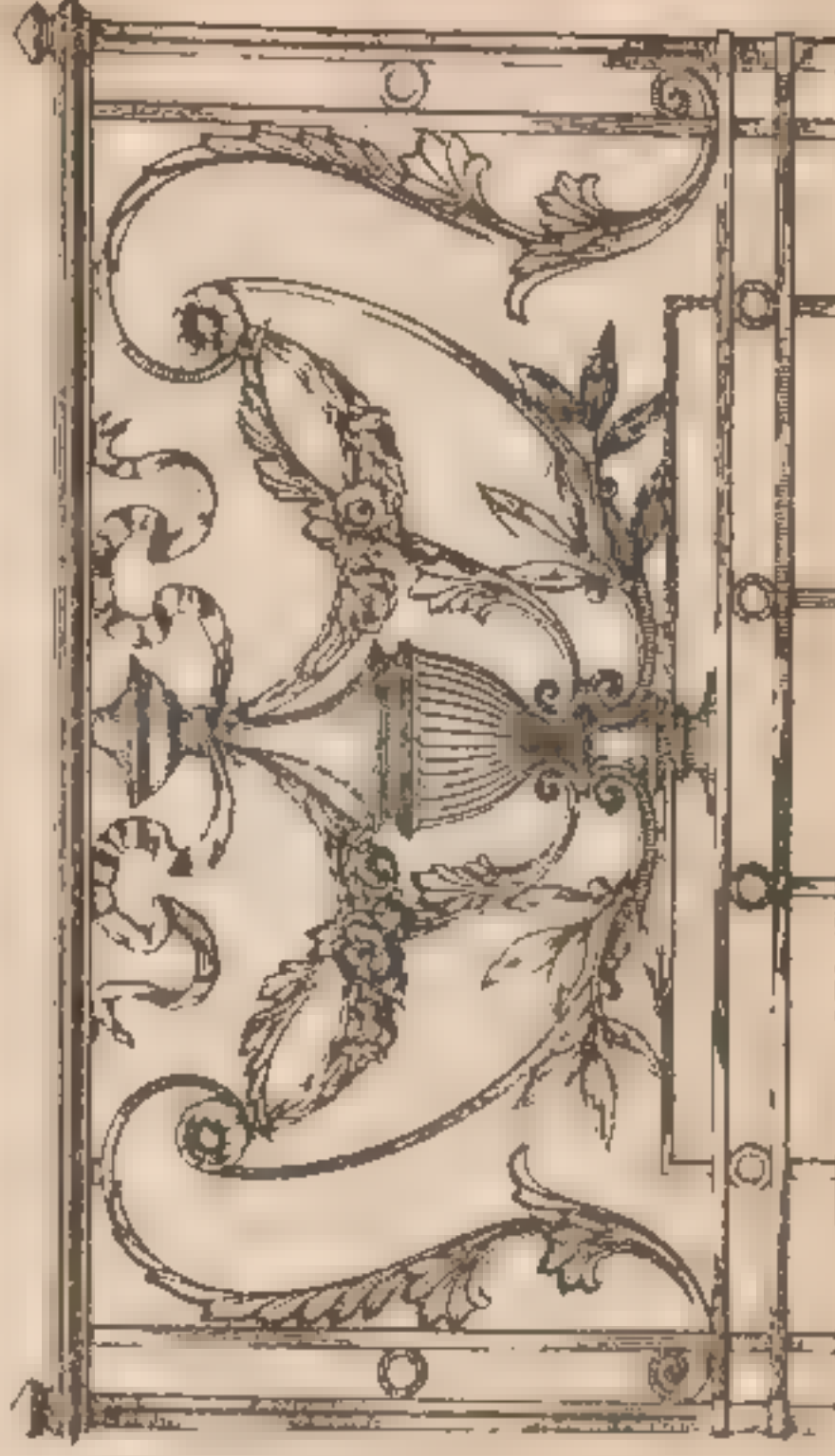


No 201

5 0 AND 6 5



No 970



5 8

SCALE

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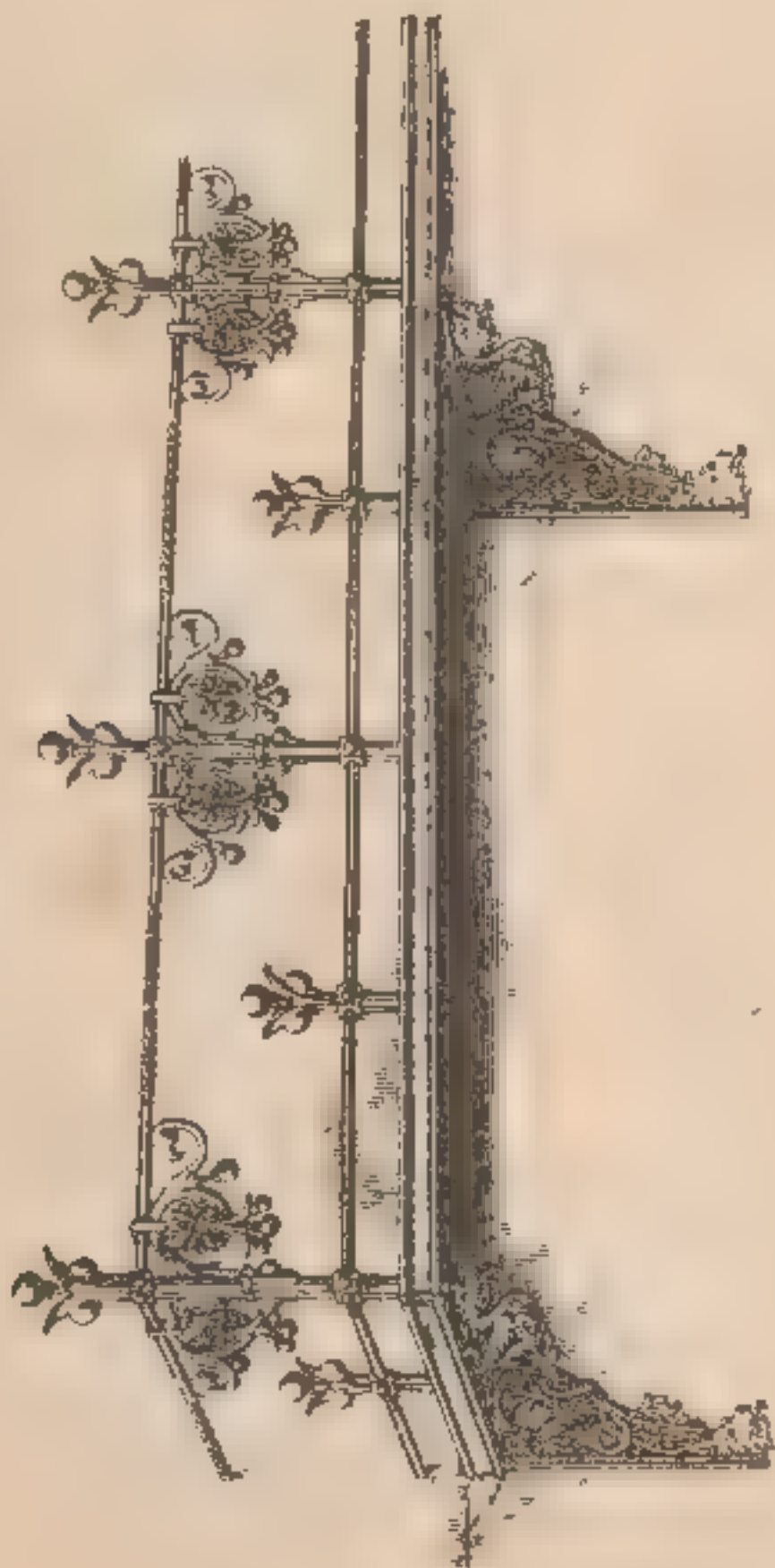
12

MACFARLANES CASTINGS — EXAMPLES

Application of Ironwork to Balcones.

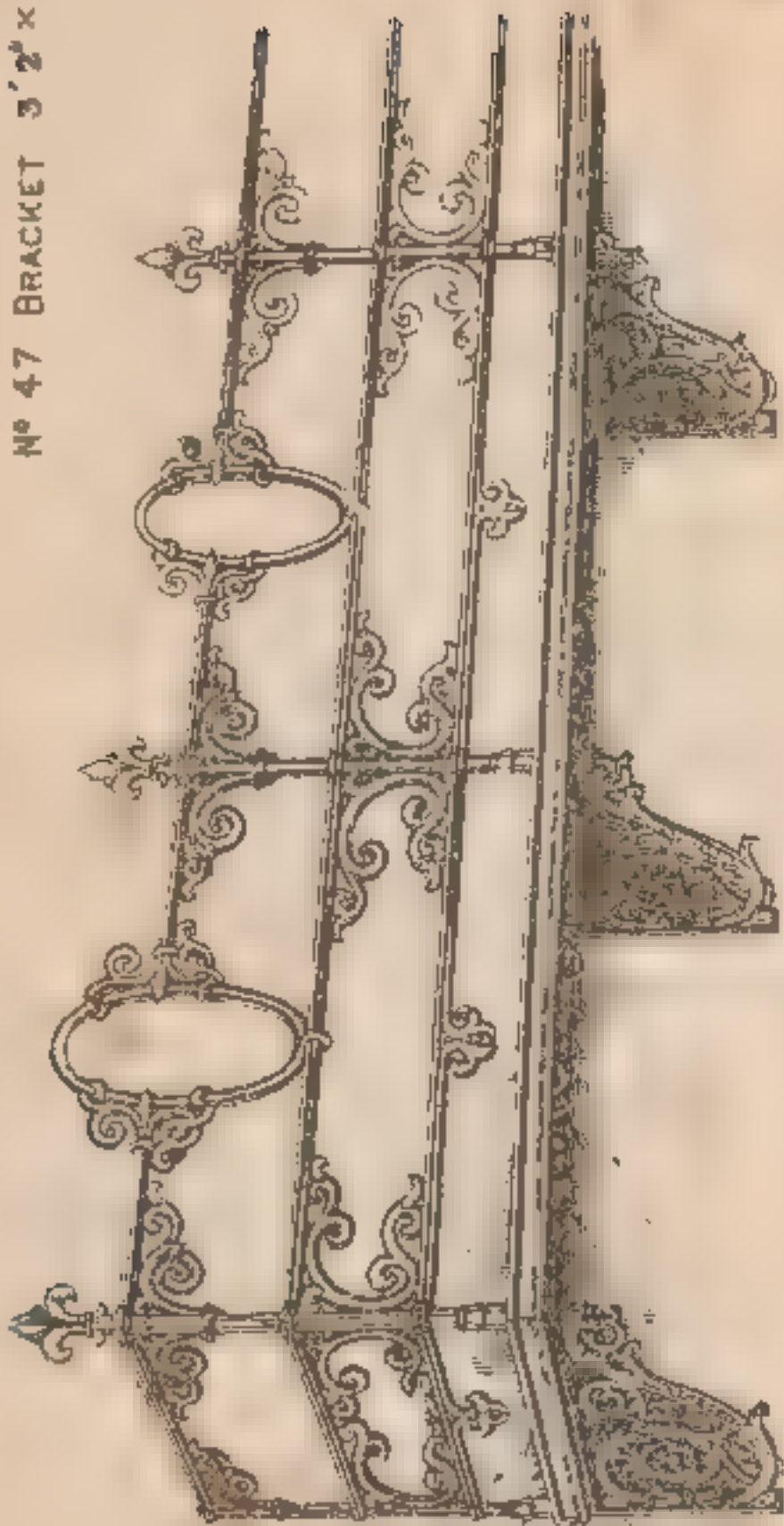
Nº XXXIII

Nº 50 RAILING 2' 7"
Nº 68 BRACKET 1' 9½" x 2' 3"



Nº XXXIV

Nº 181 RAILING 3' 4"
Nº 47 BRACKET 3' 2" x 1' 8½"



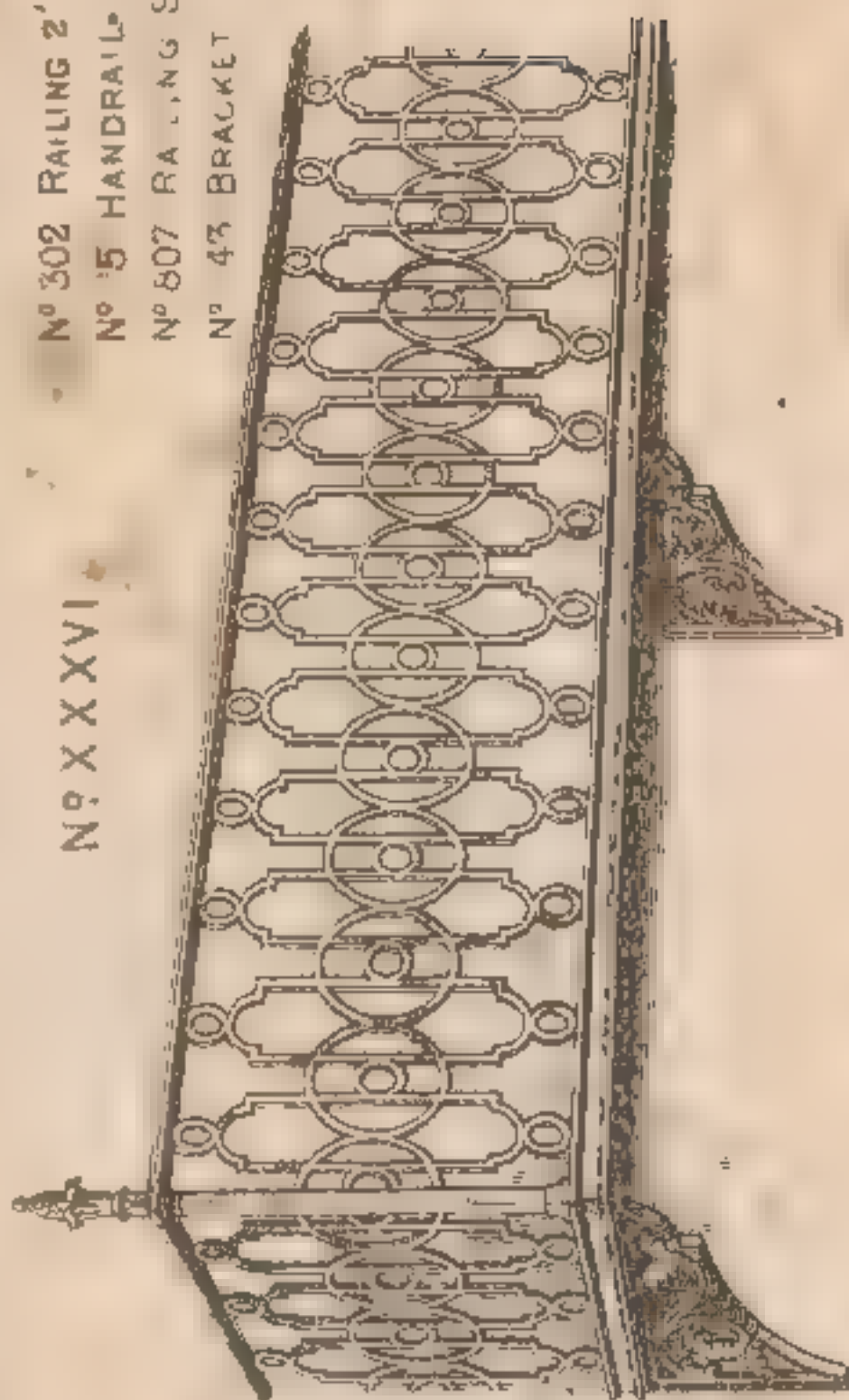
Nº XXXV

Nº 42 RAILING 2' 6"
Nº 5 HANDRAIL 2½" x 1½"
Nº 807 RAILING STANDARD
Nº 71 BRACKET 1' 9½" x 7¼"



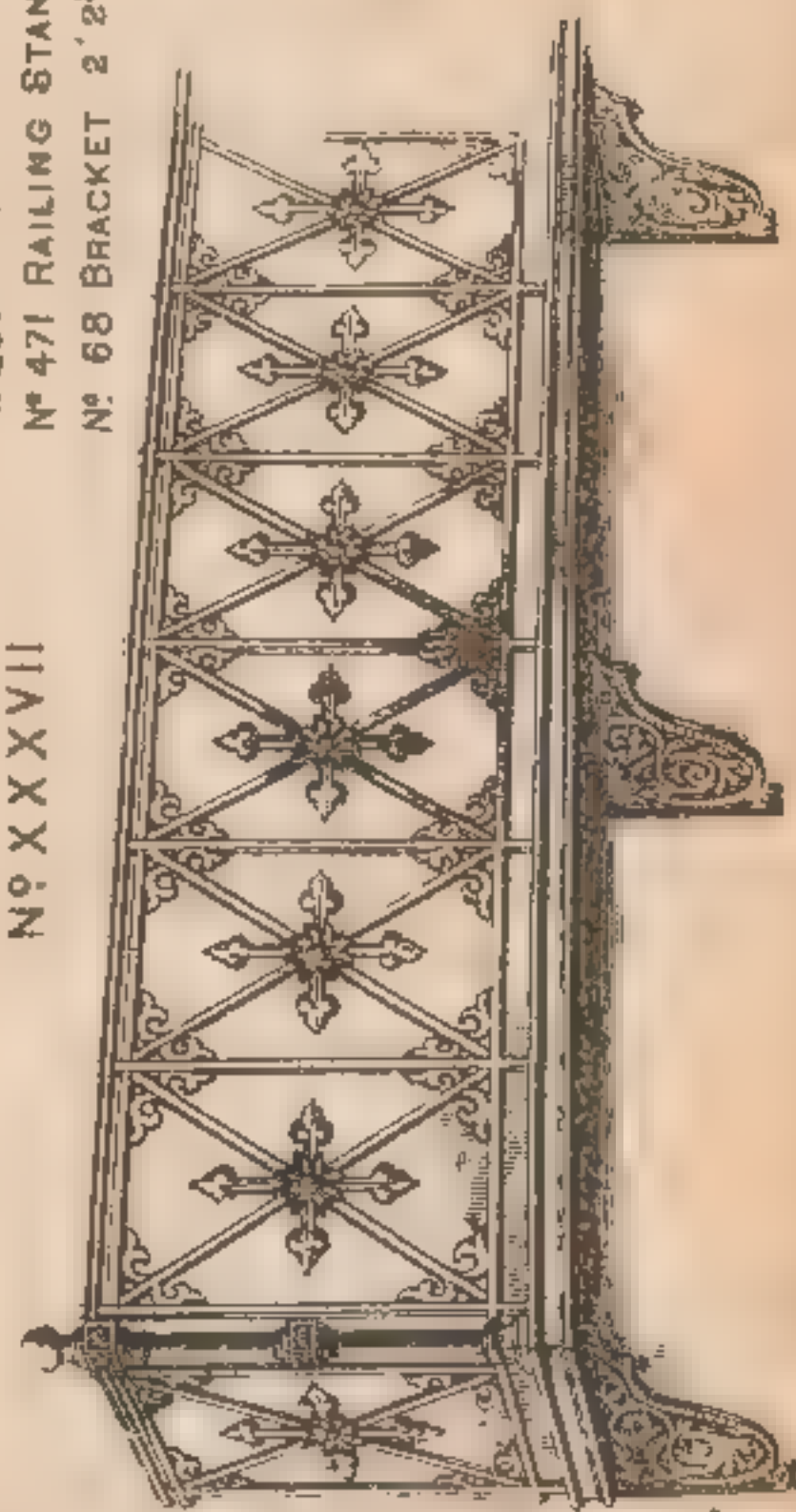
Nº XXXVI

Nº 302 RAILING 2' 10"
Nº 5 HANDRAIL 2½" x 1½"
Nº 807 RAILING STANDARD
Nº 43 BRACKET 3' 1" x 1' 6"



Nº XXXVII

Nº 209 RAILING 2' 11"
Nº 471 RAILING STANDARD 3' 3"
Nº 68 BRACKET 2' 2½" x 1' 1½"



Nº XXXVIII

Nº 190 RAILING 2' 8"
Nº 5 HANDRAIL 2½" x 1½"
Nº 68 RAILING STANDARD
Nº 44 BRACKET 3' 0" x 1' 6"



ORNAMENTAL FLOOR PLATE
SOLID OR PERFORATED TO ORDER

MACFARLANE'S CASTINGS — EXAMPLES

Application of Ironwork to Balconies, and Building Decoration.

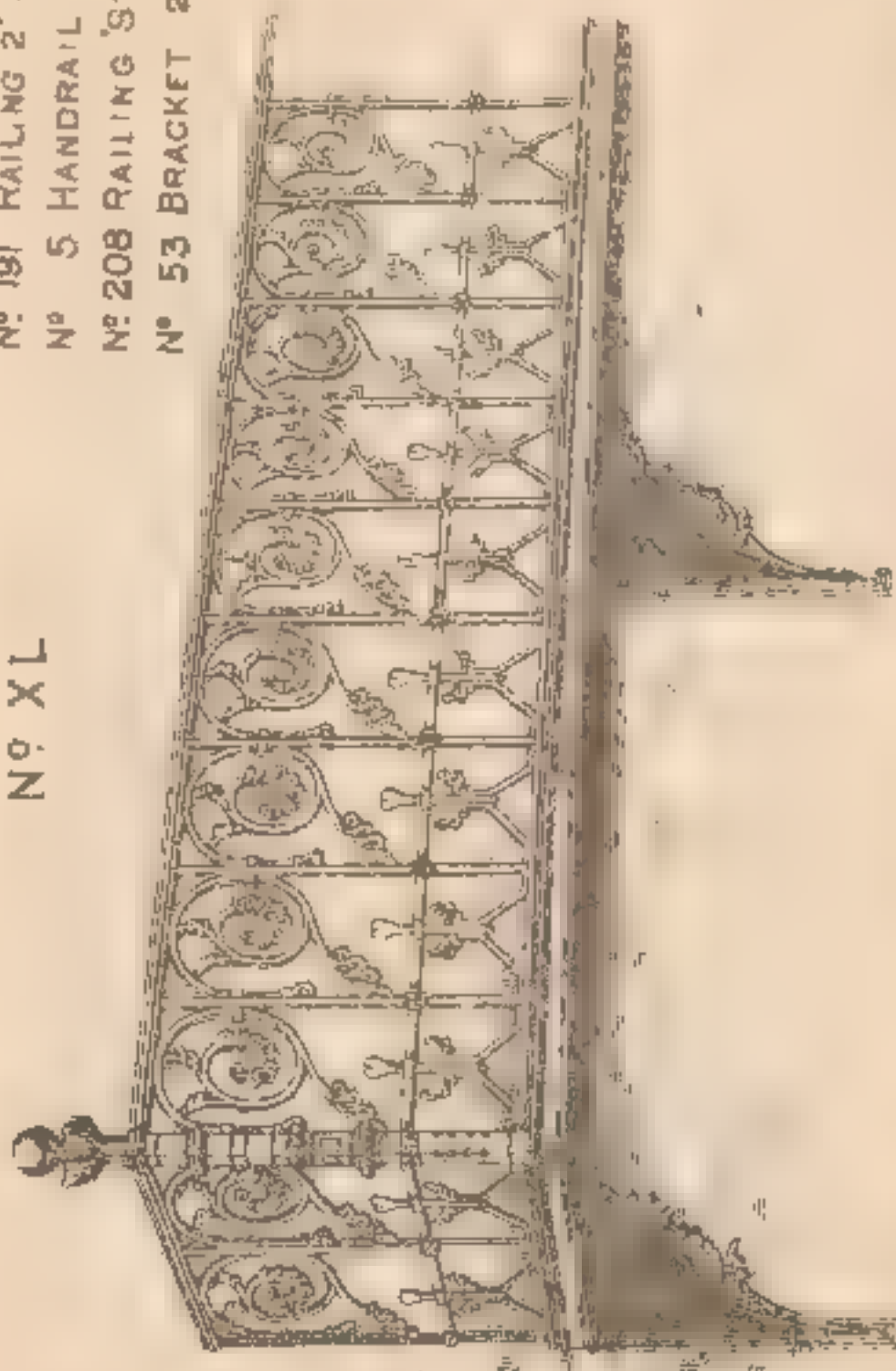
Nº XXXIX

Nº 338 RAILING 2' 4"
Nº 5 HANDRAIL 2 1/2" x 1 1/4"
Nº 208 RAILING STANDARD
Nº 41 BRACKET 2' 5 1/2" x 1' 4"



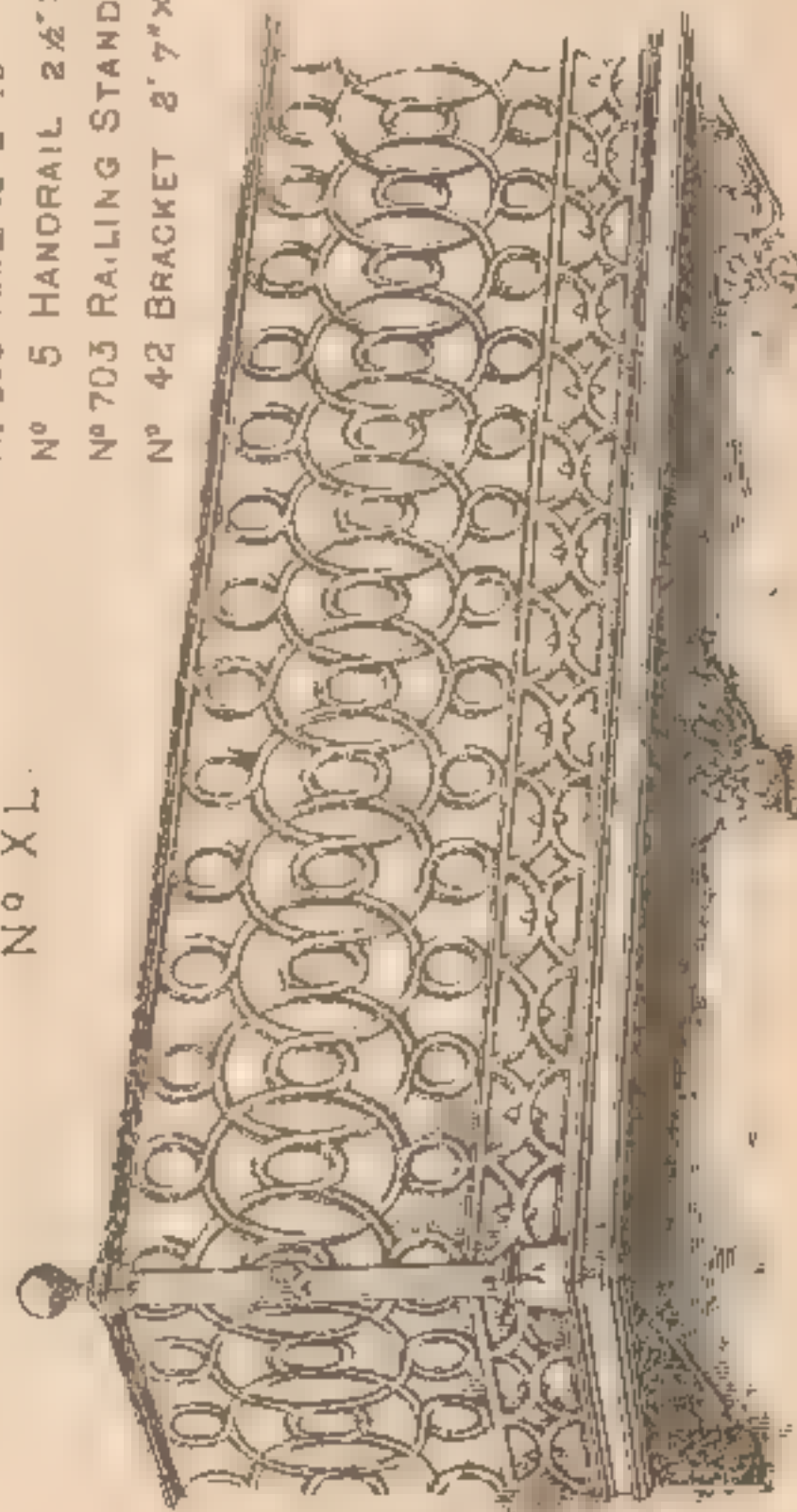
Nº XL

Nº 181 RAILING 2' 8"
Nº 5 HANDRAIL 2 1/2" x 1 1/4"
Nº 208 RAILING STANDARD
Nº 53 BRACKET 2' 8" x 2' 4"



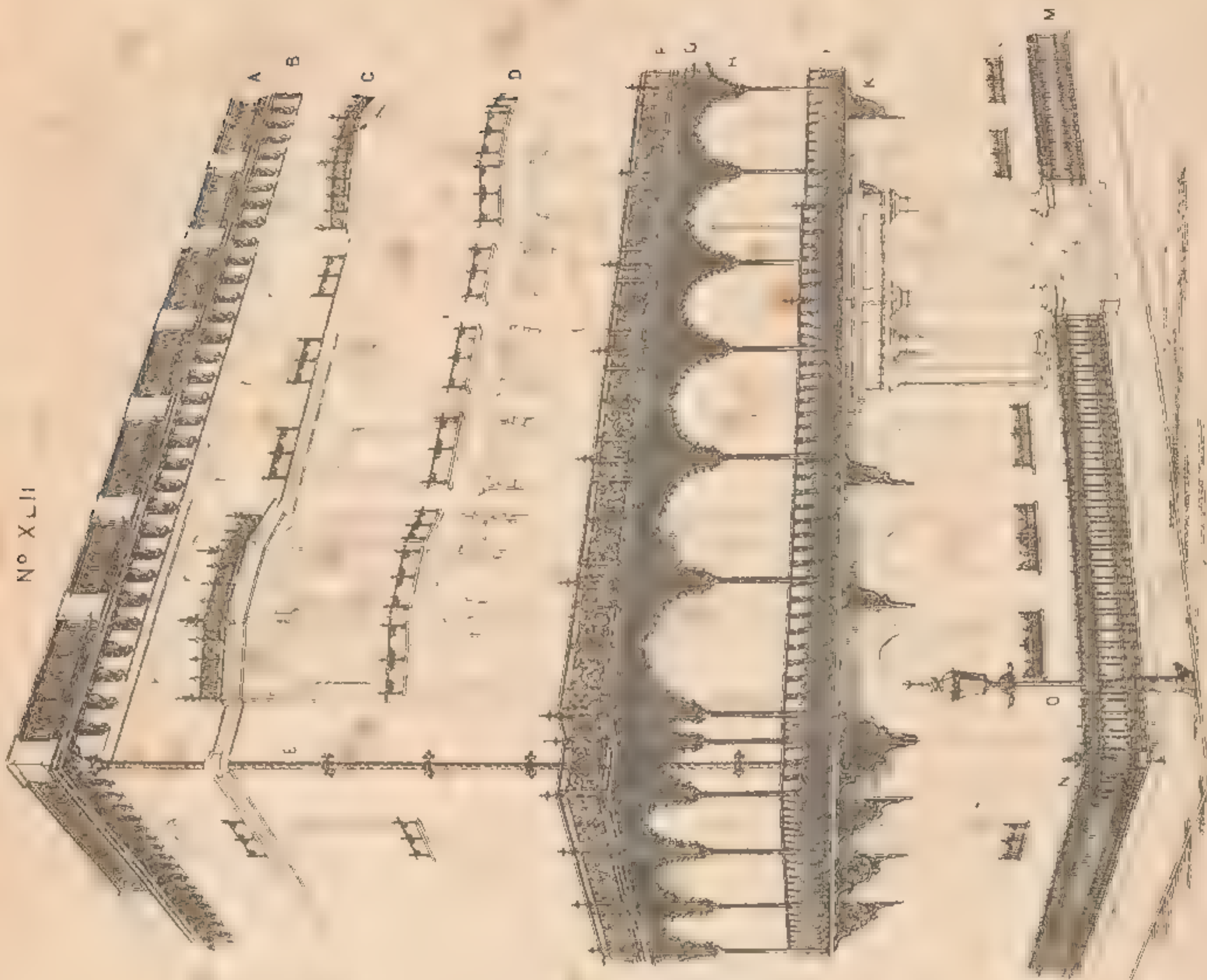
Nº XL

Nº 393 RAILING 2' 10"
Nº 5 HANDRAIL 2 1/2" x 1 1/4"
Nº 703 RAILING STANDARD
Nº 42 BRACKET 2' 7" x 9 1/4"



ORNAMENTAL FLOOR PLATE
SOLID OR PERFORATED TO ORDER

Nº XLII



A Nº 204 RAILING 2' 10"	G Nº 46 GUTTER CORNICE	L Nº 48 BALCONY 1' 2"
B Nº 86 BRACKET 2' 0" x 8"	H Nº 51 BRACKET 4' 1 1/4" x 4' 5"	M Nº 838 RAILING
C Nº 415 BALCONY RAILING 1' 10"	WITH Nº 133 FRIEZE	N Nº 690 RAILING STANDARD 4' 0"
D Nº 782 BALCONY 1' 6"	I Nº 15 COLUMN 5"	O Nº 2 LAMP
E Nº 6 R W PIPE WITH Nº 47 HEAD	J Nº 131 RAILING 2' 5 3/4"	
F Nº 201 BALCONY RAILING 3' 0"	K Nº 55 BRACKET 4' 3" x 3' 2 1/2"	

MACFARLANE'S CASTINGS — EXAMPLES

No XLIII

Application of Ironwork to Balconies,

A ORNAMENTAL ARCADE

B No 48 COLUMN

C No 5 HANDRAIL 3' x 1 1/4"

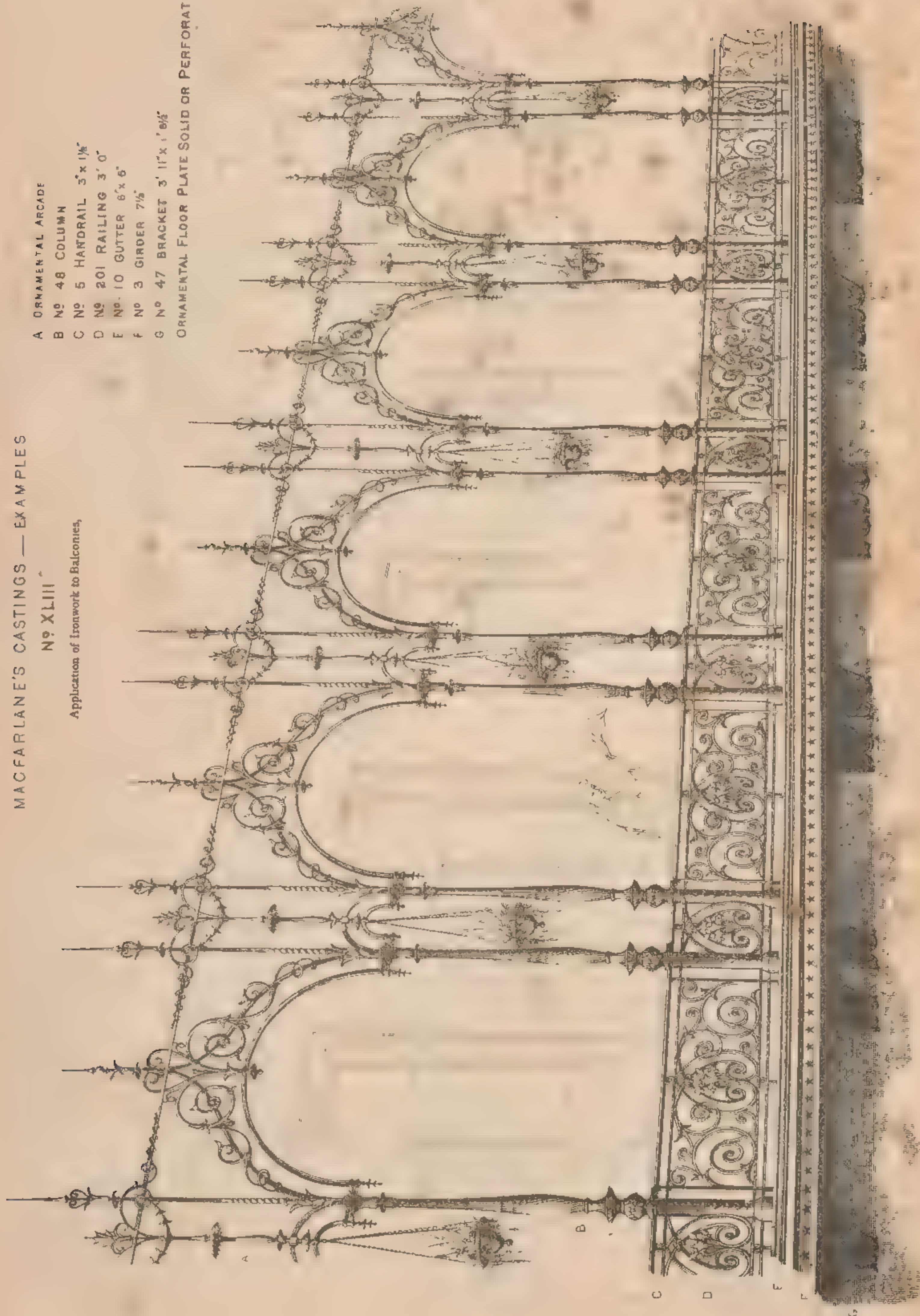
D No 201 RAILING 3' 0"

E No 10 GUTTER 6' x 6"

F No 3 GIRDER 7 1/2"

G No 47 BRACKET 3' 11" x 1' 8 1/2"

ORNAMENTAL FLOOR PLATE SOLID OR PERFORATED



5/2001
HLX—

#11731

MACFARLANE'S

CASTINGS.

VOL. I.